



DHAKA
COACHING CENTRE

GUESS/MODEL PAPER

FOR THE
YEAR
2021

As per condensed syllabus

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ENGLISH

MCQs

- 1) The poet of the poem "The Voice of God" was _____.
a) Felicia Dorothea Hemans b) anonymous c) Louis I. Newman d) Thomas Moore
- 2) Louis I. Newman was a _____ by profession.
a) Teacher b) lecturer c) painter d) poet
- 3) The poet had a/an _____ bent of mind.
a) Religious b) philosopher c) artistic d) scholarly
- 4) Louis I. Newman was born in _____.
a) 1893 b) 1972 c) 1894 d) 1973
- 5) Louis I. Newman died in _____.
a) 1893 b) 1972 c) 1894 d) 1973
- 6) Louis I. Newman lectured at _____.
a) Oxford b) Washington c) Wyoming d) Columbia
- 7) 'I _____ to hear the Voice of God,
And climbed the topmost steeple,'
a) Tried b) managed c) sought d) strived
- 8) "Buit God declared: Go down again,
I _____ among the people.'
a) am present b) live c) am found d) dwell
- 9) Caliph _____ ur Rasheed was known and respected for his justice and wisdom.
a) Mamoon b) Haroon c) Abdul d) Furqan
- 10) At night, he would _____ himself as a common man and go through the streets of Baghdad.
a) show b) dress c) disguise d) make
- 11) The Qazi told the Caliph that he had brought before him a dispute which he could not _____.
a) decide b) understand c) settle d) pronounce
- 12) The rich man gave a ride to the beggar of pity because he was _____.
a) old b) poor c) lame d) weak
- 13) The beggar also told the Caliph whatever money he had, he _____ on the horse.
a) wasted b) spent c) put d) used
- 14) The Caliph said to the Qazi, 'I think this case is not very _____ to decide.
a) complicated b) problematic c) difficult d) hard
- 15) The Caliph told both the men to place their _____ on the horse one by one.
a) sticks b) hands c) clothes d) legs
- 16) The Caliph told the beggar that he was a _____ and a wicked man.
a) liar b) fool c)cheater d) fraud
- 17) The Caliph told the beggar that he deserved severe _____.
a) penalty b) fine c) punishment d) sentence
- 18) The noble action of the rich man _____ everybody in the court.
a) pleased b) influenced c) gladdened d) cheered
- 19) The poem "Little Things" was written by _____.
a) Julia Carney b) William Ross Wallace c) Ralph Waldo Emerson d) Eliza Cook
- 20) Julia Carney was born in _____.
a) 1822 b) 1823 c) 1907 d) 1908
- 21) Julia Carney died in _____.
a) 1822 b) 1823 c) 1907 d) 1908
- 22) "Little drops of _____, Little grains of sand,"
a) milk b) water c) tears d) rain

- 23) “Little deeds of _____, Little words of love”
a) sympathy b) Kindness c) affection d) virtue
- 24) Julia Carney was born in _____.
a) Texas b) Boston c) Houston d) Wyoming
- 25) The poem Little Things was first published in _____.
a) 1745 b) 1845 c) 1945 d) 1985
- 26) From a Railway Carriage was written by _____.
a) Robert Louis Stevenson b) Ellen M H Gates c) Ralph Waldo d) William Ross Wallace
- 27) Robert Louis Stevenson was a/an _____ novelist, poet and essayist.
a) English b) American c) Scottish d) Austrian
- 28) Robert Louis Stevenson was born in _____.
a) 1849 b) 1850 c) 1894 d) 1895
- 29) Robert Louis Stevenson died in _____.
a) 1849 b) 1850 c) 1894 d) 1895
- 30) “All of the sights of the hill and the plain
Fly as thick as _____ rain”
a) falling b) driving c) pouring d) coming
- 31) “Here is a tramp who stands and gazes
And there is the green for stringing the _____.
a) Daisies b) roses c) flowers d) tulips
- 32) “And here is a mill and there is a _____.
Each a glimpse and gone forever”
a) Road b) river c) forest d) building
- 33) Robert Louis Stevenson was born in _____.
a) Edinburgh b) Scotland c) Britain d) London
- 34) Mr. Inayat, the children’s uncle, told them _____ things about foreign countries.
a) boring b) interesting c) fascinating d) thrilling
- 35) Akhtar was feeling cross because the teacher made him dust the cupboard and _____.
a) chairs b) desks c) furniture d) walls
- 36) The teacher himself swept the room, and emptied the _____.
a) desks b) dustbin c) classroom d) bags
- 37) Akhtar was having the _____ service work at a school
a) menial b) compulsory c) social d) sanitary
- 38) Our Prophet (Peace be upon him) loved doing work for himself and for _____.
a) people b) widows c) neighbours d) others
- 39) The Prophet (Peace be upon him) joined his companions in digging the _____ outside Medina on the eve of Battle of Khandaq.
a) Canal b) hole c) road d) trench
- 40) Hazrat Ali gave away his wages in _____.
a) aid b) relief c) alms d) charity
- 41) Hazrat Fatima fetched water, ground corn and _____ the house.
a) cleaned b) washed c) swept d) dusted
- 42) Sultan _____ earned his living by making caps.
a) Tameezuddin b) Nasiruddin c) Sharifuddin d) Aleemuddin
- 43) Hazrat _____ once carried a large sack of flour on his shoulders for a needy family.
a) Ali b) Abu Bakar c) Omar d) Usman
- 44) The poem “Beautiful Hands” was written by _____.
a) Ralph Waldo Emerson b) Robert Louis Stevenson c) William Ross Wallace d) Ellen M.H. Gates
- 44) Ellen M.H. Gates was born in _____.
a) 1834 b) 1835 c) 1919 d) 1920
- 45) Ellen M.H. Gates was born in _____.
a) Torington (USA) b) Boston c) Huston d) Wellington

- 46) Ellen M.H. Gates died in _____.
a) 1834 b) 1835 c) 1919 d) 1920
- 47) "Such beautiful, beautiful hands
They're neither white nor _____.
a) Big b) small c) black d) fair
- 48) "Yet are these aged wrinkled hands, most _____ to me".
a) Charming b) comforting c) beautiful d) colourful
- 49) "I know full well these dear old hands
Will palms of _____ bear"
a) Olive b) victory c) triumph d) success
- 50) The poet wrote the poem Beautiful Hands in appreciation of her _____.
a) friend b) father c) mother d) husband
- 51) The Home of the Soul and Eternity are Ellen's _____ poems.
a) moral b) religious c) good d) famous
- 52) Ellen M.H. Gates was a/an _____ poet.
a) English b) American c) Scottish d) Australian
- 53) During the _____ vacations, Bilal decided to spend a days with his cousin Zubair.
a) Summer b) winter c) spring d) autumn
- 54) Zubair lived in the _____.
City b) village c) suburbs d) town
- 55) The village was decorated with buntings and colourful _____.
a) banners b) signboards c) lights d) flags
- 56) Eight _____ were beating their drums.
a) musicians b) drummers c) men d) boys
- 57) Girls were buying rings and _____.
a) Jewellery b) cosmetics c) bangles d) perfumes
- 58) Women were interested in _____.
a) farming tools b) luxury items c) household things d) groceries
- 59) Bilal didn't like this game and called it a _____ game.
a) cruel b) savage c) dirty d) horrible
- 60) The monkey was initiating an angry _____.
a) man b) brother c) husband d) father
- 61) The conjurer took Bilal's handkerchief and _____ it into pieces. When he returned it to him, it was undamaged.
a) divided b) tore c) cut d) split
- 62) The acrobat made a _____ performance.
a) risky b) dangerous c) frightful d) dreadful
- 63) In tent pegging the riders had to pull out the wooden pegs fixed in the ground with their _____.
a) stricks b) swords c) lances d) hockey
- 64) Bilal and Zubair were _____.
a) cousins b) friends c) relatives d) neighbours
- 65) Africa is the _____ largest continent in the world.
a) second b) third c) fourth d) fifth
- 66) There are more than _____ countries in Africa.
a) twenty five b) thirty five c) fourth five d) fifty five
- 67) Nigeria is the most _____ populated country in Africa
a) thinly b) sparsely c) densely d) thickly
- 68) Most of the Nigerians are _____, who live in villages.
a) farmers b) technicians c) workers d) fishermen
- 69) A great part of Nigeria is covered with a _____ forest.
a) vast b) dense c) big d) thick
- 70) The farmers' villages are scattered in the _____ were they cultivate the land.
a) two b) three c) four d) five

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- 96) As a result of old man's advice, Moazzam got his due _____ from the property.
a) part b) share c) dues d) proportion
- 97) Moazzam wetted the blanket so that Azam could not _____ under it.
a) go b) sleep c) lie d) rest
- 98) Torkham is the border between Pakistan and _____.
a) Iran b) China c) Afghanistan d) India
- 99) The road through the Pass is _____.
a) straight b) winding c) zigzag d) bumpy
- 100) The poem "There's a Good Time coming was written by _____.
a) Charles Mackay b) Thomas Moore c) Eliza Cook d) an anonymous poet
- 101) Charles Mackay was born in _____.
a) 1813 b) 1814 c) 1888 d) 1889
- 102) Charles Mackay died in _____.
a) 1813 b) 1814 c) 1888 d) 1889
- Charles Mackay was a popular Scottish _____.
a) novelist b) story writer c) song writer d) musician
- 103) Charles Mackay was born in _____.
a) Perth b) London c) New York d) Brussels
- 104) "We may not live to see the day
But earth shall glisten in the _____.
a) Beam b) ray c) sunshine d) daylight
- 105) "Cannon balls may aid the truth
But thoughts a _____ stronger"
a) Tool b) arms c) ammunition d) weapon
- 106) "The pen shall _____ the sword
And right , not might, shall be the lord
a) Supersede b) surpass c) overtake d) follow
- 107) "Worth not _____, shall rule mankind
And be acknowledge stronger"
a) Blood b) bank balance c) academics d) birth
- 108) In this poem, the poet is thinking of a _____ world.
a) colourful b) peaceful c) wonderful d) marvelous
- 109) In the north of Pakistan are the _____ mountains with their silvery waterfalls and cool lakes.
a) grassy b) snow-copped c) barren d) tall
- 110) The tribal people and the Pathans of the north are sturdy and _____.
a) healthy b) beautiful c) brave d) strong
- 111) The Pathans are very _____ by nature.
a) polite b) hospitable c) decent d) sobre
- 112) Quaid-e-Azam called the Punjab the _____ of Pakistan
a) brain b) vital organ c) heart d) soul
- 113) The of Chiniot is famous all over the country.
a) sport goods b) inlaid furniture c) embroidery d) cutlery
- 114) the _____ of Wazirabad is famous.
a) sport goods b) inlaid furniture c) embroidery d) cutlery
- 115) Punjabi girls amuse themselves by dancing the _____ at weeding ceremonies.
a) luddi b) bhangra c) disco d) classical
- 116) The ancient civilization of Sind dates back to _____ BC.
a) 500 b) 1000 c) 2000 d) 2500
- 117) The Sindhi _____ is admired all over Pakistan as well as in foreign countries.
a) cutlery b) embroidery c) music d) poetry
- 118) Khyber Pass is a _____ km long narrow mountain valley.
a) 10 b) 20 c) 30 d) 50

- 119) Sultan Mahmood Ghaznavi crossed the Khyber pass _____ times to attack South Asia.
 a) 10 b) 13 c) 15 d) 17
- 120) Today the trade is carried on mostly by trains, lorries and _____.
 a) trucks b) trailers c) carts d) ships
- 121) _____ is the highest place along the Khyber pass.
 a) Jamrod b) Landikotal c) Durad line d) Torkham
- 122) Landikotal is _____ km from Peshawar.
 a) 10 b) 20 c) 30 d) 40
- 123) Torkham is _____ km from Peshawar.
 a) 10 b) 20 c) 30 d) 40
- 124) At _____ km from Landikotal is Torkham.
 a) 5 b) 10 c) 15 d) 20
- 125) The poem Casabianca was written by:
 a) Eliza Cook b) Thomas Moore c) Felicia Dorothea Hemans d) Ellen MH Gates
- 126) Felicia Dorothea Hemans was born in:
 a) 1794 b) 1793 c) 1835 d) 1836
- 127) Felicia Dorothea Hemans was died in:
 a) 1794 b) 1793 c) 1835 d) 1836
- 128) Felicia Dorothea Hemans was born in:
 a) Liverpool b) Whirlpool c) Wales d) Sussex
- 129) 'The boy stood on the burning deck,
 When all but he had _____
 a) departed b) gone c) fled d) escaped
- 130) 'Yet beautiful and bright he
 As born to rule the _____.
 a) world b) flood c) storm d) sea
- 131) People compare Felicia Dorothea Hemans to _____.
 a) Eliza Cook b) Thomas Moore c) Longfellow d) Shelley
- 132) Felicia Dorothea Hemans emphasized _____ values.
 a) Good b) Religious c) Moral d) social

[PROSE]

SECTION B (SHORT ANSWER QUESTIONS) Q.2 (a)

THE WISE CALIPH

What did the caliph Haroon-ur-Rashid say to the beggar after the settlement of dispute?	2014
What did the caliph say to the Qazi after the hearing of the both?	2019
What was the dispute between the rich man and the beggar? How was it settled?	2018
Why was caliph Haroon-ur-Rashid known and respected for?	2016,2012
How did caliph discover the real owner of the horse?	2010,2008
What was the reaction of the horse when the rich man touched it?	2008
Why did the caliph disguise himself? Why did he go through the streets of Baghdad?	2017,2016, 2015

How did the caliph prove that the beggar was a liar? 2013

What did the rich man do after the settlement of the case? 2007

DIGNITY OF WORK

What lesson do we learn from the life of the Holy Prophet (P.B.U.H) about the dignity of work? 2013,2009,
2008

How did Mr. Inayat convince Akhtar not to mind working with his own hands in future? 2019

How did our Holy Prophet (P.B.U.H) and his companions set the examples of dignity of work? 2010,2009

How did the famous Muslim rulers set the examples of dignity of work? How did sultan Nasir-ud-din earn his living? 2014,2008

What does everyone do in China? How has China been able to make such a rapid progress in all walks of life? 2017,2016

A VILLAGE FAIR

How did the juggler and the conjurer entertain the people? 2015,2012,
2010

How did the acrobat entertain the people in the village fair? 2019

What was a man doing on a tight rope? 2014

What were the different types of entertainments available in the village fair for the children? 2018,2017,
2016,2009

What were the things of interest in the village fair? 2008

What sort of benefits did the village people get from village fair? 2007

What is tent pegging? 2011

AN AFRICAN VILLAGE

Why can farmers not rear cattle in many parts of Africa? 2013

What do the African farmers do in the absence of cattle? 2019

Where is Nigeria? What sort of country is it? 2016,2012,
2011

Who tends the cash and food crops in Nigeria? 2010

ORWhat are the cash crops of Nigeria and who tend them?

What are the cash crops of Pakistan and who tends the cash and food crops in Nigeria? 2008

Why do bush dwellers of Nigeria use woods at night? 2014

What is the made from cocoa beans? 2007

THE INHERITORS

What property did the two brothers inherit from their father? Did Azam suggest division? What was suggestion of Azam about the division of property? 2013,2011

How can you say that Moazzam was simple and trusting? 2015

Who fed the cow and who got the milk? 2012

How was the property divided between two brothers? 2007

What was the effect of an old man's advice on Moazzam? 2006

What did Moazzam do when Azam was milking the cow? 2017,2010

Why did Azam give up cheating Moazzam? 2018

THE KHYBER PASS

What is the Khyber Pass? How long is it? Where is the Khyber? 2011,2008

What were the feelings of the children when they stood looking at the hills after visiting the Khyber Pass? 2015

What is the Khyber Pass? Name the highest place along the Khyber Pass? 2012,2010

What is the historical or commercial importance of "Khyber Pass"?
ORHow has Khyber Pass been in history? 2013,2009

Where is Torkham? What did the students see there?
ORWhat is Torkham? What did the students see there and who welcomed them? 2006,2014

Who lives in the mountains of the Khyber Pass? Which is the highest place along the pass? 2017

THE CUSTOMS OF VARIOUS REGIONS OF PAKISTAN

What is the natural scenery of various regions of Pakistan? 2014

Why does the proud father announce the birth of a son by rifle shots? 2019

What is the result of extreme weather in the lives of Balochis? 2015

What do you know about the civilization of the "valley of Mehran"? 2013

What is an urs? Who are the famous saints of Sindh? 2012

What are the various customs of the valley of Mehran? 2008

How old is the civilization of Mehran? What are the famous craft of the valley?	2005
What is an urs? How is it celebrated?	2007
Who are the famous saints of Sindh? Name famous musical instruments of Sindh.	2018,2011
Why is the Punjab called the seat of learning?	2018,2016
Why is the Punjab called heart of Pakistan?	2017

[POEM]

SECTION B (SHORT ANSWER QUESTIONS) Q.2 (b)

THE VOICE OF GOD

Why did God ask poet to go down in the poem “The voice of God”?	2017,2013, 2012,2011, 2009
Why did the poet climb the steeple and what happened when he reached there?	2019
What is the meaning of the poem “The voice of God”?	2015
Who has written the poem “The voice of God”? What does the poet want us to do according to the poem “The voice of God”?	2010, RTC
Who has written the poem “The voice of God”? What is the message/central idea of the poem “The voice of God”?	2018,2009, 2008

THE LITTLE THINGS

- | | | |
|-----|--|-------------------|
| i. | Who wrote the poem “Little Things”?What is the central idea/message of the poem? | 2014,2009,
RTC |
| ii. | What was the idea behind the poem “Little Things”?How can we make our world an Eden? | 2009,2008 |

FROM A RAILWAY CARRIAGE

What pleasure does the poet get while travelling in a railway carriage?	2010,2009
Who wrote the poem “From a Railway Carriage”? What is the central idea/message of the poem?	2007, RTC
How is a railway journey a source of happiness?	2014
What did the poet see from a railway carriage?	2016
Who is tramp? What was the tramp doing when the railway carriage passed?	2017

BEAUTIFUL HANDS

- | | | |
|-----|---|--------------------|
| i. | Who wrote the poem “Beautiful Hands”? What is the message/central idea of the poem “Beautiful Hands”? | 2006, RTC |
| ii. | What does “These hands must folded be” mean? | 2019 |
| | Whose hands does the poetess praise in the poem the “Beautiful Hands” why does she do so? | 2012,2011,
2008 |
| | What does the line “These hands must folded be” mean? | 2014 |

THE HANDS THAT ROCKS THE CRADLE

- | | | |
|--|---|-----------|
| | Why does the poet compare mother’s hands to a rainbow? | 2013,2010 |
| | Who wrote the poem “The Hand That Rocks the Cradle is The Hand That Rules the World”? What is the central idea/message of the poem? | 2006, RTC |
| | Explain how the poet gives the credit of all great achievements of people to their mother? | 2017 |
| | OR How can we say that the credit of all great achievements is due to the mother? | |
| | Why does the poet say that the prayer for mothers on the earth mingles with the said in heaven? | 2015, |
| | What does the line “These hands must folded be” mean? | 2014 |

KING BRUCE AND THE SPIDER

- | | | |
|------|---|----------------------------------|
| i. | Who has composed the poem “King Bruce” and the spider? What does the poetess teach the reader through the poem or what lesson do we get from it? Or what lesson did the king learn from the spider? | 2016,2014,
2012,2011,
2009 |
| ii. | Why did King Bruce of Scotland hide himself in a cave? | 2019 |
| iii. | Why did king Bruce decide not to give up his effort? | 2008 |
| iv. | Who wrote the poem “King Bruce and the Spider”? What is the main idea/message of the poem? | 2006, RTC |

CASABIANCA

- | | | |
|------|--|------|
| i. | Who was Casabianca? Why did he not leave the burning deck? | 2013 |
| ii. | Who wrote the poem “Casabianca”? What is the main idea/message of this poem? | RTC |
| iii. | What lesson do we learn from this poem? | 2017 |
| iv. | What qualities did the boys in Casabianca possess? | 2011 |

- | | | |
|-----|---|------|
| v. | Who composed the poem? What does the poetess teach you through this poem? | 2015 |
| vi. | Write in brief the qualities of character of young Casabianca? | 2016 |

THERE'S A GOOD TIME COMING

- | | | |
|------|---|-----------|
| i. | Who wrote the poem "There's a good time coming"? What is the message/central idea of this poem? | RTC |
| ii. | What message did the poet convey through the poem "There's a good time coming"? Do you agree with the poet that a good time is coming? | 2006 |
| iii. | What future does Charles Mackay promise for us in the poem "There's A Good Time Coming"? Does he expect us to make some efforts for achieving it? | 2017,2012 |

[PROSE]

SECTION B (SHORT ANSWER QUESTIONS) Q.3
SENTENCE CONSTRUCTION OF IDIOMS AND PHRASES

THE WISE CALIPH

Feel sorry for, Be off, Pull up, Fight over, Fight for, Well-to-do, Well off, Feel ashamed of

DIGNITY OF WORK

By fits and starts, Day in and day out

AN AFRICAN VILLAGE

To shed crocodile tears, To feel like a fish out of water, To nip in the bud, To turn over a new leaf

THE KHYBER PASS

To go out (to move out), To go out (to end up / blown away by), To go out (to be outdated), To go out (to recede) ,
To go out (to out class completely), To go out of the way (to make extra ordinary), To go off (to leave), To go off
(to spend time) , To go off (to abandon), To go off (to explode)

THE CUSTOMS OF VARIOUS REGIONS OF PAKISTAN

Farther from than, Farther than, To see eye to eye with someone, To turn a deaf ear to, A black sheep, To take to
task, Far and wide, At large

[POEM]

SECTION B (SHORT ANSWER QUESTIONS) Q.3

SENTENCE CONSTRUCTION OF IDIOMS AND PHRASES

LITTLE THINGS

To make fun of: (to ridicule), To make room:(to arrange), To make money :(to earn money), To make a mistake:(to commit a fault), To make up:(to beautify), To make the most of, To make both ends meet:
To make one's mouth water, To make one's mouth water

FROM A RAILWAY CARRIAGE

In all, All at once, All the same, All alone, All about

BEAUTIFUL HANDS

With a high hand, Palm of victory

THE HAND THAT ROCKS THE CRADLE

Natal sod

KING BRUCE AND THE SPIDER

To fling oneself down, In a low despair, To fling oneself down, To brace mind, To tell the tale, To put into practice, A wild goose chase, To end in smoke, At a loss, With flying colours

CASABIANCA

Heroic blood, Have to, Ought to, Try to

THERE'S A GOOD TIME COMING

To practice, To look after, To put up, To take place, To call out, To call at once, To take pain over, To come out, To keep up, To give away

[PROSE]

SECTION B (SHORT ANSWER QUESTIONS) Q.4

SUPPLY THE MISSING CONTEXTUAL WORDS OR PHRASE

THE WISE CALIPH

- i. Caliph Haroon-ur- Rashid was known and respected for_____.
- ii. At night he would _____ himself and go through the streets of _____.
- iii. O _____ of the faithful I've brought before you _____ which I could not settle.
- iv. These two men here are fighting over _____.
- v. Each one of them claims and _____ that this horse is his.
- vi. Whatever I say in your presence shall be the _____.
- vii. I gave you a _____ and now you want to _____ me of my horse.
- viii. You are the helper and the _____ of the poor.
- ix. Save me from the _____ and _____ of this rich man.
- x. It is because of this horse that I am in _____.
- xi. He stopped me and _____ to _____ him my horse.
- xii. I could not lend my horse to _____.
- xiii. "Such a fine horse should not belong to a _____."

- xiv. "Now _____ and don't you mention it to anyone."
- xv. "Save me from this _____ and _____ what is my own."
- xvi. Tell these men to place their _____ on the horse one by one. Let the _____ do it first.
- xvii. The horse disliked the touch of _____.
- xviii. The horse snorted and _____ with pleasure.
- xix. "You are a liar and _____ man. You deserve _____.
- xx. The noble action of the _____ pleased _____ in the court.

DIGNITY OF WORK

- i. _____ came late from the school and was feeling _____.
- ii. Children's favorite uncle _____ came to visit them.
- iii. "Should I not be cross if I am made to work like _____?"
- iv. The Headmaster _____, which made us all feel _____.
- v. "Is it a matter of shame _____ what we ourselves make dirty"?
- vi. We have forgotten the noble example of _____.
- vii. He _____ work for himself and for others with his own hands.
- viii. When the mosque at _____ during the battle of _____.
- ix. _____ fetched water for widows and old and weak neighbors.
- x. _____ carried a sack of floor on his shoulders for a needy family.
- xi. _____ worked in the garden of a Jew and gave away his wages in the charity.
- xii. _____ fetched water and ground corn.
- xiii. _____ refused to hire a servant to help his wife.
- xiv. _____ served his guests on the table.
- xv. _____ earned his living by making caps.
- xvi. _____ spent his life transcribing the Holy Quran.
- xvii. In _____ everyone has to spend some time working in the fields or in a _____.
- xviii. _____ and _____ have also do this work.
- xix. _____ went out to deliver the newspapers for his son so his son may not lose the customers.

A VILLAGE FAIR

- i. _____ got tired of the city life and thought of going somewhere.
- ii. _____ welcomed Bilal with open arms.
- iii. _____ were beating their drums.
- iv. "I don't remember having seen so many shops in this village," _____ said.
- v. People come from _____ to buy and sell their goods.
- vi. _____ were buying rings and bangles.
- vii. _____ were playing popular music and were serving _____.
- viii. A fight was going on between, the bear and _____.
- ix. _____ was playing his wooden tambourine to attract people.
- x. The Juggler juggled with _____ balls at a time.
- xi. A little carelessness could _____, but he came down safe and sound.
- xii. The friends _____ get place in the front.
- xiii. The riders had to pull them out with _____ as the rode by at a gallop.
- xiv. The successful riders _____ the field.

- xv. They were anxious for the _____ but it reached the mark safe and _____ under cover just when the dogs came near.

AN AFRICAN VILLAGE

- i. After Asia _____ is the largest Continent, consisting of more than _____ independent countries.
- ii. Nigeria is the largest country of _____.
- iii. A great part of Nigeria is covered with a _____.
- iv. A Nigerian village may consist of _____ to about _____ huts.
- v. Formerly a farmer's hut was a _____.
- vi. A _____ was left for the entrance on the side toward the sun.
- vii. The walls are made of _____ and are plastered _____.
- viii. The _____ of the house is the centre of all activities.
- ix. All household pots and pans are _____.
- x. The bush dwellers still use _____ for lighting and _____ purposes.
- xi. Rainwater is stored in _____ during the rainy season and is used for _____ as well for other needs.
- xii. _____ is tend by men.
- xiii. Women tend _____.
- xiv. _____ are the major exports of Nigeria.
- xv. _____ is absent from an African village, which is common in Pakistani villages.

THE KHYBER PASS

- i. Khyber Pass is _____ about _____ long.
- ii. The Khyber Pass has been famous _____ for thousands of years.
- iii. Aryan crossed Khyber Pass nearly _____ ago.
- iv. _____ used this path seventeen times to attack South Asia.
- v. It has also been a _____ for so long.
- vi. This Pass is used to go to _____ from Pakistan.
- vii. The trade was done earlier from India to _____ and beyond.
- viii. From Peshawar after fourteen kilometers is _____.
- ix. _____ class fellows made a trip to Khyber Pass from _____.
- x. One have to obtain a _____ to carry on the journey from.
- xi. The road through the Pass runs _____.
- xii. Bilal and his friends saw some _____ here and there, which were used for firing the enemies.
- xiii. The highest place along the pass is _____.
- xiv. A railway line was laid parallel to the pass by the Britishers in _____.
- xv. The distance between Torkham and Landikotal is _____.
- xvi. _____ is the border between Pakistan and Afghanistan.
- xvii. They were welcomed by _____ guarding the frontier.
- xviii. As the stood looking at the hills, they thought of the brave soldiers of _____ riding along this beautiful Pass.

THE CUSTOMS OF VARIOUS REGIONS OF PAKISTAN

- i. Pakistan is full of beautiful _____.
- ii. These geographical variations are reflected in the _____ of the people of the _____ of our country.
- iii. Pathans of the north are _____.
- iv. The power of a tribe depends upon _____ of its menfolk.
- v. The favourite food of the people is _____.
- vi. The Pathans are very hospitable by nature.
- vii. _____ are arranged by parents.
- viii. The university of _____ flourished nearly two thousand and _____ years ago.
- ix. With nearly every district, some _____ is associated.
- x. The Punjabis are _____ by nature.
- xi. The famous mela Chiraghan held in _____.
- xii. Villagers get together in the _____.
- xiii. Usually they sit talking _____ together.
- xiv. Sometimes younger people sing _____ or the ever popular _____.
- xv. The whole village participates in _____.
- xvi. Girls amuse themselves by dancing the _____ in the house.
- xvii. Men express their joy by dancing _____.
- xviii. _____ makes life quite difficult for the people.
- xix. In extreme cold weather, they place _____ with a little burning coal in the middle.
- xx. The Balochis _____ a simple life.
- xxi. _____ families use carpets instead of blankets.
- xxii. The rocky area is mostly barren and _____ to get.
- xxiii. The groom feasts his own and _____ guests.
- xxiv. The ancient city of Moen-jo-Daro dates back to _____.
- xxv. Most festivals in Sindh, as in the _____ are of _____.
- xxvi. _____ from all over Pakistan come to the Urs of _____.
- xxvii. _____ of Sindh is very sweet and melodious.
- xxviii. _____ is admired all over Pakistan as well as in the foreign countries.
- xxix. The dresses of both men and women are _____ in silk.

[POEM]

SECTION B (SHORT ANSWER QUESTIONS) Q.5

SUPPLY THE MISSING CONTEXTUAL WORDS OR PHRASE

THE VOICE OF GOD

- i. I _____ to hear the voice of God
- ii. And climbed the _____ steeple.
- iii. But God declared: "Go _____,
- iv. I _____ among the people."
- v. _____ is the tallest part of a religious building.
- vi. Louis I. Newman was born in the year _____.
- vii. Louis I. Newman was in Providence _____ Island.
- viii. Louis I. Newman had a _____ bent of mind.

LITTLE THING

- i. Little _____ of water.
- ii. Little _____ of sand.
- iii. Make the mighty _____.
- iv. And the pleasant _____.
- v. Little _____ of kindness.
- vi. Little words of _____.
- vii. Make our world _____.
- viii. Like the _____ above.
- ix. Julia Carney was a/an _____ verse writer.
- x. The poem little things was first published in _____.

FROM A RAILWAY CARRIAGE

- i. Faster than _____, faster than _____.
- ii. And charging along like _____.
- iii. All through the meadows the _____.
- iv. All of the _____ of the hill and the plain.
- v. Fly as thick as _____.
- vi. And ever again, in the _____.
- vii. _____
- viii. Here is a child who _____ and _____.
- ix. All by himself and _____.
- x. Here is _____ who stands and gazes.
- xi. And there is the green for _____.
- xii. _____ with man and load.
- xiii. Each _____ and gone forever!

BEAUTIFUL HANDS

- i. Such _____, beautiful hands,
- ii. They're _____ nor small.
- iii. And you, I know, would _____ think.
- iv. I've _____ hands whose form and hue
- v. A _____ might be,
- vi. Though heart were _____.
- vii. These patient hands _____.
- viii. That _____ might be glad.
- ix. To _____ distant day!
- x. I think how _____ rested not
- xi. When mine were _____.
- xii. They're _____ now.
- xiii. And time and pain _____ their mark.
- xiv. And the sad, sad _____.
- xv. When ' _____, out of sight.
- xvi. These hands must _____.
- xvii. I know _____ these dear old hands.
- xviii. Will _____ bear.

- xix. When _____, through endless years.
xx. Flow over _____.
xxi. And where _____ are young again.
xxii. I'll _____ my mother's hands.

THE HAND THAT ROCKS THE CRADLE

- i. Blessings on the hand of _____!
ii. Angels guard its strength and grace.
iii. In the palace, _____, hovel,
iv. Would that never storms _____.
v. Rainbows ever gently curled,
vi. For the hand _____ the cradle.
vii. Is the hand that _____ world.
viii. Infancy's _____ fountain.
ix. Mothers first to guide the _____.
x. From them _____ grow.
xi. Sunshine streamed or _____.
xii. Woman, _____ your mission.
xiii. Here upon our _____.
xiv. Keep – oh, keep the young heart open
xv. Always _____ of God!
xvi. All _____ of the ages.
xvii. Are from _____ impearled.
xviii. Fathers, sons, _____ cry.
xix. And the _____ is mingled.
xx. Mingles where _____ darkens.
xxi. _____ evermore are hurled.

KING BRUCE AND THE SPIDER

- i. King Bruce of _____ flung himself down.
ii. But his _____ beginning to sinks.
iii. For he had been trying to _____ deed.
iv. And so _____ quite sad.
v. He _____ down in low despair.
vi. And after a while _____ there.
vii. Now just at that moment _____ dropped.
viii. With its silken, _____.
ix. And the King, _____ of his thinking, stopped.
x. 'Twas a _____ up to the ceiling dome.
xi. That how it would get to _____ home.
xii. It soon began to _____.
xiii. _____ with strong endeavor
xiv. But down it came with a _____.
xv. Up, up _____, not a second to stay.
xvi. To utter _____ complaint.
xvii. Till it fell _____, and there it lay.
xviii. Its head _____ again it went.

- xix. And travelled a _____ higher.
- xx. And a road where _____ would tire.
- xxi. But again, _____ mounted.
- xxii. _____ attempts were counted.
- xxiii. " Sure, " cried the King, " that _____.
- xxiv. And _____ every time. "
- xxv. He's _____ from his cobweb door.
- xxvi. Oh say, _____ lose or win it?
- xxvii. Steadily, steadily, _____.
- xxviii. And a bold _____ at the very last pinch.
- xxix. Put him into his _____.
- xxx. " _____! the King cried out.
- xxxi. " All honour _____ who try;
- xxxii. The spider up there _____.
- xxxiii. He _____, and why shouldn't I? "
- xxxiv. And Bruce of Scotland _____ mind.
- xxxv. And _____ tell the tale,
- xxxvi. That he tried once more _____ before.
- xxxvii. And _____ did not fail.

CASABIANCA

- i. The boy stood on _____ deck.
- ii. The flame _____ the battle's wreck.
- iii. Shone round him _____.
- iv. Yet beautiful and bright he stood,
- v. As born to _____.
- vi. A _____ heroic blood.
- vii. The _____ on – he would not go.
- viii. Without _____ word.
- ix. That father, faint in _____.
- x. If yet _____ is done?'
- xi. He knew not that _____ lay
- xii. Unconscious _____ son.
- xiii. – And but the _____ replied.
- xiv. And fast _____ rolled on.
- xv. _____
- xvi. Upon his brow he felt _____.
- xvii. And looked from that lone _____.
- xviii. And _____ once more aloud.
- xix. While o'er him fast, through _____.
- xx. The _____ made way.
- xxi. They wrapped the ship _____ wild.
- xxii. They _____ on high.
- xxiii. And streamed _____ gallant child.
- xxiv. There came _____ thunder sound.
- xxv. Ask of _____ that far around.
- xxvi. With fragments _____ the sea!

- xxvii. With mast, and helm, and _____.
- xxviii. That well had _____ part.
- xxix. But the noblest thing _____ there.
- xxx. Was that young _____.

THERE'S A GOOD TIME COMING

- i. There's a good time coming, _____.
- ii. We may not live _____ the day.
- i. But earth _____ in the ray.
- iii. _____ may aid the truth.
- iv. _____ 's a weapon stronger.
- v. We 'll win _____ by its aid.
- vi. The pen _____ the sword.
- vii. And Right, _____, shall be the lord.
- viii. Worth, _____, shall rule mankind.
- ix. The _____ has been given.
- x. War in _____ shall be.
- xi. A monster of iniquity _____.
- xii. Nations shall _____ then.
- xiii. To prove which is _____.
- xiv. Nor _____ for glory's sake.
- xv. Let us _____ we can.
- xvi. Every woman, every man.
- xvii. The good time coming.
- xviii. Smallest helps, _____ given.
- xix. Make the _____ stronger.
- xx. 'T will be _____ one day.
- xxi. Wait _____ longer.

SECTION C (DETAILED ANSWER QUESTIONS)

Q.5 ESSAY WRITING

TOPICS FOR ESSAYS

- | | | |
|------|---|------|
| i. | Load shedding of C.N.G. | 2013 |
| ii. | Effects of corona Virus | |
| iii. | How you spent your quarantine | |
| iv. | Merits and demerits of online education | |
| v. | COVID-19 SOPs | |
| vi. | Celebration of The Independence Day. | 2019 |
| vii. | Load shedding of electricity. | 2007 |

viii.	An exciting cricket match. <u>OR</u> An unforgettable match.	2017,2012, 2011,2019
ix.	Peaceful Karachi.	2015
x.	A terrible accident.	2018
xi.	A visit to a book fair.	2016
xii.	War against terrorism.	2016, 2014, 2010,2009
xiii.	A Visit to The Hilly Areas of Pakistan.	2019
xiv.	Picnic at seaside. <u>OR</u> An evening at seaside. <u>OR</u> An overnight. Picnic.	2009
xv.	The personality I like most <u>OR</u> Myfavourite personality. <u>OR</u> The profession I like the most.	2018,2016, 2015,2012, 2010
xvi.	Problems of Karachi city.	2014
xvii.	Problems/ Hazardsof traffic in Karachi.	2012,2009
xviii.	Importance of Muslim unity.	2011,2019
xix.	Importance of discipline in life.	2007
xx.	Importance of Computer. <u>OR</u> Technical education.	2012,2011, 2009
xxi.	Blessing of science.	2018,2013, 2010
xxii.	Advantages and disadvantages of Facebook.	2008
xxiii.	Pros and cons of social media. <u>OR</u> Role of media in society.	2008
xxiv.	Merits and demerits of internet. Advantages and disadvantages of using internet.	2014
xxv.	Need of national unity.	2017,2015
xxvi.	Sindh festival.	2017
xxvii.	Patriotism.	2013
xxviii.	Natural disaster. <u>OR</u> Earthquake. <u>OR</u> Flood.	2011

xxix.	Environmental pollution. <u>OR</u> Global Warming.	2013
xxx.	A visit to a book fair.	2016
xxxi.	My last day at school.	2016
xxxii.	Importance of plantation. <u>OR</u> Importance of leisure time activities.	2010
xxiii.	United we stand divide we fall.	2015
xxiv.	An exciting match of PSL <u>OR</u> An interesting PSL 4 match.	2018,2015, 2019
	Last ten minutes of an interesting cricket match of world cup.	

SECTION C (DETAILED ANSWER QUESTIONS)

Q.6 APPLICATION WRITING

SUBJECTS OF APPLICATION

i.	Request for issuing you transfer	2007
ii.	Request for issuing a sports certificate for joining a sports club.	2016,2011, 2019
iii.	Allow your class to educational trip to Moen-jo-Daro.	2018
iv.	Request for issuing you provisional.	2013
v.	To visit your class on science exhibition. <u>OR</u> Any place like (historical place/picnic) etc.	2012
vi.	To grant you sick leave of three days. <u>OR</u> Tendays. <u>OR</u> One week etc.	2009
vii.	15 days leave to perform Umrah with parents.	2017,2014
viii.	To allow you to participate in an inter-school science quiz competition.	2010
ix.	To provide you better security at school.	2008
x.	Participate in science quiz competition.	2010
xi.	To leave the class after recess as you have an appointment with the dentist.	2015

SECTION C (DETAILED ANSWER QUESTIONS)

OR

Q.6 LETTER WRITING

SUBJECTS OF LETTER

i.	Write a letter to the Editor of a newspaper complaining against the shortage of water supply in the city.	2019
----	---	------

ii.	Write a letter to the Editor of a newspaper complaining against frequent load-shedding in the city.	2018
iii.	Write a letter to the Editor of a newspaper complaining against the unsanitary conditions in your locality.	2017
iv.	Write a letter to the Editor of a newspaper complaining against the heaps of garbage in the city.	2016
v.	Write a letter to your father telling him about the security measures taken by your Headmaster / Headmistress / Principal in your school for the security of the students.	2015
vi.	Write a letter to the Editor of a newspaper complaining against the broken condition of roads in your city.	2014
vii.	Write a letter to the Editor of a newspaper complaining against traffic hazards in the city.	2013
viii.	Write a letter to the Editor of a newspaper complaining against frequent power failures in your area.	2012
ix.	Write a letter to your uncle about your future after success in the S.S.C Examination.	2011
x.	Write a letter to the Editor of a newspaper complaining against frequent power failures in your locality.	2010
xi.	Write a letter to the Editor of a newspaper complaining against frequent power failures in your locality.	2009

NOTE:

Prepare Section “A” Multiple Choice Questions from clustered syllabus(chapters and poems) as well as Grammar including, tenses, active and passive voice, narration, article preposition and punctuation.

For translation practice all the Urdu sentences from the past papers.

SECTION “C” (DETAILED ANSWER QUESTIONS) Q.09
URDU/SINDHI TO ENGLISH TRANSLATION
YEAR 2019

- i. ہمیں دل و جان سے وطن کی خدمت کرنی چاہیے۔
- ii. جیسا کرو گے ویسا بھرو گے۔
- iii. کوئے دوپہر سے ادھر ادھر اڑ رہے ہونگے۔
- iv. اس نے اپنے والد کی نصیحت پر عمل نہیں کیا۔

- v. کیا کرکٹ میچ کے تمام ٹکٹ فروخت ہو چکے تھے؟
- vi. اللہ تعالیٰ اپنے قوانین انسانوں کے دلوں پر لکھتا ہے۔
- vii. کیا آپ ایک کپ چائے لینا پسند کریں گے؟

YEAR 2018

- i. احتیاط علاج سے بہتر ہے۔
- ii. ہمیں بہترین تعلیم و تربیت دی جا رہی ہے۔
- iii. جب میں اسکول پہنچا گھنٹی بج چکی تھی۔
- iv. آج صبح سے بوند باندی ہو رہی ہے۔
- v. میرے والد کل اسلام آباد جائیں گے۔
- vi. کیا اس نے اپنی غلطی تسلیم کر لی؟
- vii. آپ کی گھڑی میں کیا وقت ہوا ہے؟

YEAR 2017

- i. ہمیں دل و جان سے وطن کی خدمت کرنی چاہیے۔
- ii. اگر تم محنت کرو گے تو کامیاب ہو جاؤ گے۔
- iii. تمہارا دوست کو سٹہ کیسے پہنچا؟
- iv. کیا آپ اگلے ہفتہ زرعی فارم کی سیر کو جائیں گے؟
- v. چین ہمیشہ پاکستان کا ساتھ دے گا۔
- vi. وہ شام سے دوستوں کا انتظار کر رہا ہے۔
- vii. ایمانداری بہترین حکمت عملی ہے۔

YEAR 2016

- i. آدمی اپنی صحبت سے پہچانا جاتا ہے۔
- ii. اتفاق میں برکت ہے۔
- iii. دو گھنٹوں سے موسلا دھار بارش ہو رہی ہے۔
- iv. اگر تم امتحان میں پاس ہو گئے تو میں انعام دوں گی۔
- v. موسم گرما شروع ہو چکا ہے۔

- .vi کراچی ایشیاء کے بڑے شہروں میں سے ایک ہے۔
- .vii ضرورت ایجاد کی ماں ہے۔

YEAR 2015

- .i میں آپ کا صبح سے انتظار کر رہا ہوں۔
- .ii موسم بہار شروع ہو چکا ہے۔
- .iii وہ خوف سے لرز رہا ہے۔
- .iv کیا آپ ایک کپ چائے لینا پسند کریں گے؟
- .v شبانہ ہر موقع پر دیر سے آتی ہے۔
- .vi ضلع تھر میں خشک سالی سے بہت سے جانور مر گئے۔
- .vii اتفاق میں برکت ہے۔

YEAR 2014

- .i پہلے بات کو تو لو پھر منہ سے بولو۔
- .ii وہ اپنے جرائم کا اعتراف کر چکے ہیں۔
- .iii میں نے محنت کی تاکہ میں اسکول میں اول آؤں۔
- .iv عید کا چاند کس دن نکلا تھا۔
- .v اس نے کہا کہ وہ اکثر لاہور جاتا رہتا ہے۔
- .vi ہم نے باہر جانے کا ارادہ کر لیا ہے۔
- .vii بڑے لوگوں کی خوشامد مت کرو۔

YEAR 2013

- .i خدا آپ کو کامیابی سے ہمکنار کرے۔
- .ii ایمانداری بہترین حکمت عملی ہے۔
- .iii ہمیں دل و جان سے وطن کی خدمت کرنی چاہیے۔
- .iv کیا آپ اگلے ہفتہ زرعی فارم کی سیر کو جائیں گے؟
- .v جب وہ وہاں پہنچے تقریب شروع ہو چکی تھی۔
- .vi میں کافی دنوں سے سالانہ امتحان کی تیاری کر رہا ہوں۔
- .vii اتفاق میں برکت ہے۔

YEAR 2012

- .i باغبانی ایک بہترین مشغلہ ہے۔

- .ii اُردو پاکستان کی قومی زبان ہے۔
- .iii خُدا اُنکی مدد کرتا ہے جو اپنی مدد آپ کرتے ہیں۔
- .iv کریم سفید کپڑے پہنے ہوئے تھا۔
- .v بارش دو گھنٹے سے ہو رہی ہے۔
- .vi وہ آج رات ہوائی جہاز سے لاہور جائیگا۔
- .vii کسان بیج بو رہا ہے۔

YEAR 2011

- .i میرا دوست سیالکوٹ کے نزدیک ایک گاؤں میں رہتا ہے۔
- .ii اسنے بنی لگ کر دی۔
- .iii کریم سفید کپڑے پہنے ہوئے تھا۔
- .iv اگر تم محنت کرو گے تو ضرور پاس ہو جاؤ گے۔
- .v آپکی گھڑی میں کیا وقت ہوا ہے؟
- .vi کتب بینی ایک بہترین مشغلہ ہے۔
- .vii آپ اس تصویر میں کیا دیکھ رہے ہیں؟

YEAR 2010

- .i اپنے بڑوں اور بزرگوں کا ادب کیجیے۔
- .ii اگر تم وقت پر گھر آو گے تو میں تمہیں گھر پر ملوں گا۔
- .iii صبح سے تیز بارش ہو رہی ہے۔
- .iv تم تین سال پہلے کہاں رہتے تھے؟
- .v جب میں گھر پہنچا تو میرا بھائی جاچکا تھا۔
- .vi جتنی چادر ہے اتنے پاؤں پھیلاؤ۔
- .vii میں آپکی مدد نہ کر سکوں گا۔

YEAR 2009

- .i اپنے بڑوں اور استادوں کا ادب کیجیے۔
- .ii اللہ ہمکو سب کے ساتھ یکساں سلوک کرنے کا حکم دیتا ہے۔
- .iii ہم نے کل ایک زرعی فارم کی سیر کی۔

.iv جب میں اسکول پہنچا گھنٹی بج چکی تھی۔

.v کیا تم اگلے سال نئی گاڑی خریدو گے؟

.vi مجھے گزشتہ رات سے بخار ہے۔

.vii خدا بہتر جانتا ہے۔

MATHEMATICS

MCQ'S

Q.1 Choose the best answer for each from the options given below:

1) If $A \subset B$ then $A \cap B =$ -----

- a*. A b. B c. empty d. $A \cap B$

2) If the number of element in set A is “n” than the number of elements in

$P(x) =$ -----.

- a. n^2 b*. 2^n c. n d. $2^{n \times n}$

3) The log to the base 10 is called ----- logarithm.

- a. Natural b*. Common c. Euler d. Rational

4) The L.C.M of $x^4 - y^4$ and $x^2 + y^2$ is -----

- a. $x^2 + y^2$ b*. $x^4 - y^4$ c. $x^6 - y^6$ d. $(x^4 - y^4)(x^2 + y^2)$

5) If $\log_7 x = 2$ then x = ----

- a. 2 b. 7 c*. 49 d. 9

6) $\frac{A \times B}{H.C.F} =$ -----

- a. G.C.D b. AB c*. L.C.M d. None of them

7) Simplified form of $\frac{21x^2 - 7xy}{14x^2y - 21xy^2}$ is -----

- a. $\frac{x-3y}{y(3x-2y)}$ b*. $\frac{3x-y}{y(2x-3y)}$ c. $\frac{3x+y}{y(2x-3y)}$ d. $\frac{y(3x-y)}{2x-3y}$

8) The logarithm of the base to itself is -----.

- a*. 1 b. 7 c. 10 d. zero

9) On x-axis, the y coordinate or ordinate is -----.

- a. 1 b. x c. y d*. zero

10) The Natural logarithm has the base -----.

- a. π b*. e c. 10 d. 0

11) If $A = \{2, 4, 8\}$ and $B = \{2^1, 2^2, 2^3\}$ then A and B are ----- sets.

- a. Disjoint b*. Equal c. Overlapping d. Power

12) In $\log 234.23$ the characteristic is -----.

- a. 1 b. 4 c. 3 d*. 2

13) $x^4 + 64$ can be made a perfect square by adding -----.

- a*. $\pm 16x^2$ b. $-16x^2$ c. $\pm 4x^2$ d. $16x^6$

14) If $|A| = 0$, the matrix A is called -----

- a. Adjoint b*. Singular c. Product d. Non singular

15) One and only one ----- of an angle can be drawn.

- a. Line b. plane c*. Bisector d. Arm

16) A plane has ----- dimensions.

- a. One b*. Two c. three d. Four

17) If two angles are complementary, each of them is a/an ----- angle.

- a*. Acute b. obtuse c. right d. parallel

18) Every triangle has at least two ----- angles.

- a*. Acute b. obtuse c. right d. parallel

19) If $P(x)$ is a polynomial and a is a real number with $P(a) = 0$, then a is called ----- of $P(x)$.

- a. divisor b. factor c*. Root d. monomial

20) The degree of $5x^6 - 6x^8 + 8x^5y^4 + 2$ is -----

- a. 6 b. 8 c*. 9 d. 5

21) Transpose of $\begin{bmatrix} 2 & 5 \\ 0 & 8 \end{bmatrix}$ is -----.

- a. $\begin{bmatrix} 2 & 5 \\ 0 & 8 \end{bmatrix}$ b*. $\begin{bmatrix} 2 & 0 \\ 5 & 8 \end{bmatrix}$ c. $\begin{bmatrix} 8 & -5 \\ 0 & 2 \end{bmatrix}$ d. $\begin{bmatrix} 2 & 8 \\ 5 & 0 \end{bmatrix}$

22) Degree of $\sqrt[3]{(a^2 - b)^3}$ is -----.

- a*. 2 b. 3 c. 4 d. 0

23) $5x^0$ is a ----- polynomial.

- a. linear b*. Constant c. rational d. binomial

25) The expression of degree two is called -----.

- a. cubic b. linear c*. Quadratic d. none of these

26) $(a + b)^2 = (a - b)^2 + \text{----}$.

- a. $2ab$ b. $3ab$ c*. $4ab$ d. $-4ab$

27) $\frac{1}{\sqrt{x+y}}$ is an example of ----- expression.

- a. Rational b. polynomial c. binomial d*. Irrational

28) $(a + b)(a^2 - ab + b^2) = \text{-----}$.

- a. $(a^3 - b^3)$ b*. $(a^3 + b^3)$ c. $a^2 - b^2$ d. None of these.

29) π is a/an ----- number.

- a. Rational b. polynomial c. binomial d*. Irrational

30) $5\sqrt{8} - 2\sqrt{8} =$ -----

- a. $3\sqrt{8}$ b. $6\sqrt{8}$ c*. $6\sqrt{2}$ d. $3\sqrt{2}$

31) $x = y \Rightarrow y = x$ for all $x, y \in \mathbb{R}$ is called ----- property.

- a. Transitive b. Trichotomy c. commutative d*. Symmetric

32) The ordered pair (5, 0) lies in/on -----.

- a. 1st Quadrant b. origin c*. X-axis b. y- axis

33) In $n = s \times 10^m$ (where n is a number), m is called -----.

- a. Mantissa b. Reference c. Anti-log d*. Characteristic

34) $\log_a m + \log_a n =$ -----.

- a. $\log_m n$ b. $\log_n m$ c. $\log_m an$ d*. $\log_a mn$

35) Factorize form of $5 - 12x + 7x^2$ is -----

- a. $(x+5)(x-7)$ b. $(x+5)(x+7)$ c. $(1-5x)(x-7)$ d*. $(5-7x)(1-x)$

36) If relation is given by $R = \{(0, 1), (1, 2), (3, 4)\}$ then the range of R is -----

- a. $\{ \}$ b*. $\{1, 2, 4\}$ c. $\{0, 1, 3\}$ d. $\{0, 1, 2, 3, 4\}$

37) If $A = \{x|x \in \mathbb{E} \wedge 2 < x < 4\}$ represents a ----- set.a

- a. Disjoint b*. Empty c. Overlapping d. Singleton

38) The H.C.F of $8x^3y^2$ and $12x^2y$ is -----

- a*. $4x^2y$ b. $12x^2y$ c. $96x^3y^2$ d. $96x^5y^3$

39) If $A = \begin{bmatrix} 2 & 5 \\ x & 10 \end{bmatrix}$ is a singular matrix then x = -----

- a*. 4 b. 10 c. -4 d. 20

40) The matrix $A = \begin{bmatrix} 2 & 0 \\ 0 & 8 \end{bmatrix}$ is a ----- matrix.

- a. scalar b. square c*. Diagonal d. unit

41) The sum of measures of angles of a triangle is equal to -----.

- a. 90° b*. 180° c. 360° d. 45°

42) One only one plane can be passes through the ----- non-collinear points.

- a. One b. two c*. Three d. four

43) The two intersecting lines cannot be ----- to the third line.

- a*. Parallel b. Intersecting c. collinear d. Adjacent

44) In a right angled triangle the side opposite to $\angle 90^\circ$ is called -----

- a. base b. perpendicular c. altitude d*. Hypotenuse

45) In an equilateral triangle each angle is of measure -----.

- a*. 60° b. 90° c. 180° d. None of these

46) The concepts which are accepted without definition are called ----- terms.

- a*. Undefined b. Defined c. plane d. Fake

47) If the alternate angles of two coplanar lines are congruent then the lines are -----.

- a*. Parallel b. Intersecting c. collinear d. Adjacent

48) A triangle having no side congruent is called -----.

- a. Right b. Isosceles c. Equilateral d*. Scalene

49) In general in sets $A' \cup B' =$ -----.

- a. $(A \cup B)$ b. $(A \cap B)$ c. $(A \cup B)'$ d*. $(A \cap B)'$

50) The Cartesian product of sets A and B can be written as -----.

- a*. $A \times B$ b. AB c. $A+B$ d. $A \Delta B$

51) If $x = \sqrt{2} - 1$ then $x^2 =$ -----.

- a. $2\sqrt{2} + 3$ b*. $3 - 2\sqrt{2}$ c. $\sqrt{2} + 1$ d. None of these

52) $(A \cup B) \cap (A \cup C) =$ -----.

- a. $A \cup B \cup C$ b. $A \cap B \cup C$ c*. $A \cup (B \cap C)$ d. $A \cap (B \cup C)$

53) $\log_a 1 =$ ----.

- a. 10 b. 1 c*. 0 d. None of these

54) In $\log_a x$, "a" is called -----.

- a. power b*. Base c. co-efficient d. Denominator

55) If 'a' is a negative real number and 'n' is even then a^n is -----.

- a*. Positive b. Negative c. Zero d. none of these

56) $\frac{a}{\sqrt{a}} =$ ----.

- a. $\frac{1}{a}$ b*. \sqrt{a} c. $\frac{1}{\sqrt{a}}$ d. a

57) The value of $x - y + xy$ if $x = 1$ and $y = 1$ is -----.

- a. zero b. -1 c. 2 d*. 1

58) If one angle formed by two intersecting lines is of measure 90° then the remaining three angles are ----- angles.

- a. Obtuse b*. Right c. Acute d. Straight

59) $(A^t)^t = \text{-----}$.

- a*. A b. $\frac{1}{A}$ c. A^{-1} d. $-A$

60) If $n(A) = n$ and $n(B) = m$ then the number of Relations in AXB are -----.

- a. $m \times n$ b. $m+n$ c*. $2^{m \times n}$ d. 2^{m+n}

61) If the symbol “=” involved in an ----- sentence, it is called an equation.

- a. True b*. Open c. False d. None of them.

62) The solution set of $|3x| = -6$ is -----.

- a*. $\{ \}$ b. $\{2\}$ c. $\{\pm 2\}$ d. $\{-2\}$

63) An equation which is true for every value of unknowns then it is called -----.

- a. Root b*. Identity c. Absolute d. Quadratic

64) The solution set of $\sqrt{x+1} = -4$ is -----.

- a. $\{15\}$ b*. $\{ \}$ c. $\{\pm 15\}$ d. $\{5\}$

65) $x + 1 = 0$ is called ----- equation.

- a. Quadratic b. Zero c*. Linear d. Rational

66) If $ax^2 + bx + c = 0$, then $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ is called ----- formula.

- a*. Quadratic b. Zero c. Linear d. Rational

67) The value of unknown for which given equation become true is called ----- of the equation.

- a. Root b. Linear c. Difference d*. Fake root

68) If x is eliminated from $x+b=0$, $x+c=0$ the relation becomes -----.

- a*. $b=c$ b. $b+c$ c. $bc=0$ d. $b+1=0$

69) The method of obtaining a relation independent of any particular variable is called -----.

- a. Substitution b. Eliminant c*. Elimination d. None of these

70) The relation obtained after elimination is called -----.

- a. Substitution b*. Eliminant c. Elimination d. None of these

71) The angle inscribed in any minor arc is always -----.

- a*. Obtuse b. Right c. Acute d. Straight

72) The angle inscribed in semi- circle is always -----.

- a. Obtuse b*. Right c. Acute d. Straight

73) The angle inscribed in any major arc is always -----.

- a. Obtuse b. Right c*. Acute d. Straight

74) A circle which touches all the three side of triangle is called ----- circle.

- a*. Inscribed b. Escribed c. Circumscribed d. None of these

75) Diameter is ----- of Radius.

- a. Half b*. Double c. Triple d. Four times

76) The line touching at a point of a circle is called -----.

- a. Diameter b. Radius c Secant d*. Tangent

77) The chord which passes through the Centre of circle is called -----.

- a*. Diameter b. Radius c Secant d. Tangent

78) The central angle of a minor arc is ----- of than the inscribed angle of its corresponding major arc.

- a. less b*. Double c. Triple d. Four times

79) A circle which passes through the three vertices of triangle is called ----- circle.

- a. Inscribed b. Escribed c*. Circumscribed d. None of these

80) $\sqrt{1 - \sin^2 \theta} =$ -----.

- a*. $\cos \theta$ b. $\tan \theta$ c. $\sec \theta$ d. $\operatorname{Cosec} \theta$

81) $\cos 45^\circ =$ -----.

- a. $\sqrt{2}$ b*. $\frac{1}{\sqrt{2}}$ c. $\frac{1}{2}$ d. None of these

82) The reciprocal of $\cot \theta$ is -----.

- a. $\frac{1}{\tan \theta}$ b*. $\tan \theta$ c. $\sec \theta$ d. $\frac{1}{\cos \theta}$

83) $\operatorname{Cosec} (90^\circ - 30^\circ) = \sec$ -----.

- a*. 30° b. 60° c. 90° d. 45°

84) $\cos 20^\circ =$ -----.

- a. $\sin 20^\circ$ b. $\sin 160^\circ$ c. $\sin 70^\circ$ d. $\cos 70^\circ$

85) $\tan^2 \theta + 1 =$ -----.

- a. $\cos \theta$ b. $\tan \theta$ c*. $\sec^2 \theta$ d. $\operatorname{Cosec}^2 \theta$

86) $\frac{\tan \theta}{\sin \theta} =$ -----.

- a. $\cos \theta$ b. $\cot \theta$ c*. $\sec \theta$ d. $\operatorname{Cosec} \theta$

87) $\sin 30^\circ =$ -----.

- a*. $\cos 60^\circ$ b. $\tan 60^\circ$ c*. $\sin 60^\circ$ d. $\cot 60^\circ$

88) $\tan 60^\circ =$ -----.

- a*. $\sqrt{3}$ b. $\frac{1}{\sqrt{3}}$ c. $\frac{2}{\sqrt{3}}$ d. $\frac{\sqrt{3}}{2}$

89) The ----- part of a log is called Mantissa.

a. Irrational b. Exponent c*. Fractional d. Integral

90) $AA^{-1} = \text{-----}$.

a. { } b. Zero c. A^{-1} d*. I

IMPORTANT SHORT QUESTION/ANSWER

Q.1. Find all the subsets of $A = \{a, b, c, d\}$.

Q.2. If $A = \{1, 2, 3, 4\}$ and $B = \{2, 4, 6, 8\}$, show that:

$$A \Delta B = (A \cup B) - (A \cap B)$$

Q.3. If $U = \{x \mid x \in \mathbb{N}, x \leq 10\}$, $A = \{2, 4, 6, 8, 10\}$ and

$B = \{3, 6, 9, 10\}$ Prove that $(A \cup B)' = A' \cap B'$.

Q.4. Suppose the ordered pairs $(x + y, 2)$ and

$(4, x - y)$ are equal. Find x and y .

Q.5. Let $A = \{a, b\}$, $B = \{2, 3\}$ and $C = \{3, 4\}$, find :

(i) $A \times (B \cup C)$ (ii) $A \times (B \Delta C)$

Q.6. If $A = \{1, 2, 3, 4\}$ and $B = \{2, 4, 6, 8\}$, show that:

$$A \Delta B = (A - B) \cup (B - A)$$

Q.7. If $U = \{x \mid x \in \mathbb{W}, x \leq 8\}$, $A = \{2, 4, 6, 8\}$ and

$B = \{3, 6, 7\}$ Prove that $(A \cap B)' = A' \cup B'$.

Q.8. simplify the following:

i) $5\sqrt{8} - 2\sqrt{8}$

ii) $\frac{27^{\frac{2n}{3}} \times 8^{\frac{-n}{3}}}{18^{\frac{-n}{2}}}$ OR $\left(\frac{x^a}{x^b}\right)^{a+b} \times \left(\frac{x^b}{x^c}\right)^{b+c} \times \left(\frac{x^c}{x^a}\right)^{c+a}$

iii) $\left(\frac{(125)^2 \times 8}{(64)^2}\right)^{\frac{1}{3}}$

iv) $\left(\frac{p^a}{p^b}\right)^{a+b-c} \times \left(\frac{p^b}{p^c}\right)^{b+c-a} \times \left(\frac{p^c}{p^a}\right)^{a+c-b}$ OR $\left(\frac{x^{2a}}{x^{a+b}}\right) \left(\frac{x^{2b}}{x^{b+c}}\right) \left(\frac{x^{ca}}{x^{c+a}}\right)$

v) $\frac{4^m \times 15^{4m-2n+1} \times 9^{n-2m}}{10^{2m} \times 25^{m-n}}$

vi) $\sqrt{\frac{(216)^{\frac{2}{3}} \times (25)^{\frac{1}{2}}}{\left(\frac{1}{25}\right)^{\frac{-3}{2}}}}$ OR $\left(\frac{x^a}{x^b}\right)^{a^2+ab+b^2} \times \left(\frac{x^b}{x^c}\right)^{b^2+bc+c^2} \times \left(\frac{x^c}{x^a}\right)^{c^2+ac+a^2}$

viii) $\sqrt[3]{\frac{81}{125}}$ OR $\frac{\sqrt[n]{q}}{\sqrt[m]{q}}$ OR $\sqrt[3]{\frac{64a^3 \times b^9}{216c^6d^{18}}}$

Q.9. If $x = 2 - \sqrt{3}$, Find $x + \frac{1}{x}$ and $x^2 + \frac{1}{x^2}$ OR If $\frac{1}{x} = 7 + 4\sqrt{3}$ Find $x^2 - \frac{1}{x^2}$

OR If $x = \sqrt{2} + \sqrt{3}$, Find $x + \frac{1}{x}$

Q.10. Find the logarithm of 1728 to base $2\sqrt{3}$.

OR Find the value of unknown in the following:

i) $\log_{32} x = -\frac{1}{5}$, (ii) $\log_a \frac{1}{25} = \frac{-2}{3}$, (iii) $\log_{27} \frac{1}{81} = x$

OR Simplify by using logarithmic table:

$$\frac{85.7 \times 2.47}{8.89}$$

OR $\frac{57.26}{\sqrt[3]{0.382}}$

OR $\frac{(780.6)^{\frac{1}{2}} \times \sqrt{3.000}}{4.000}$

OR $\frac{(86.2)^2 \times (37.37)}{591}$

Q.11. Find the number of digits in 3^5 .

Evaluate $n = \frac{(6.735) \times (48.27)}{(16.18)^2}$ By using log table.

Q.12. If $P(x) = 2x^4 + 3x^3 - x - 5$, then find $P(-2)$.

OR

If $S = \frac{n}{2} [2a + (n-1)d]$, find the value of S when $n = 5$, $a = 2$ and $d = 3$.

Q. 13. Find the product of:

$(abc - d^2)(abc + d^2)(a^2b^2c^2 + d^4)$

$(2 - x^3)(2 + x^3)(4 + x^6)(16 + x^{12})$

Q. 14. For what value of 'K', the expression $x^3 + x^2 - 14x - K$ is exactly divisible by $x + 2$?

Q.15. Solve by using formula:

(1104×1104) OR (989×989) .

Q.16. Find the value of $x^3 + y^3$, If $x + y = -5$, $xy = 8$.

OR $x^3 - \frac{1}{x^3}$, if $x - \frac{1}{x} = 4$

OR $8x^3 - \frac{1}{3x}$, if $2x - \frac{1}{3x} = 5$

Q.17. If $a + b = 4$, prove that

$$a^3 + b^3 + 12ab = 64$$

Q.18. Prove that:

$$(a+2)(a-2)(a^2-2a+4)(a^2+2a+4) = a^6 - 64$$

OR

Find the Product of: $(l + m - 2n)(l^2 + m^2 + 4n^2 - lm + 2mn + 2nl)$

Q.19. Find the value of $l^3 + m^3 + n^3 - 3lmn$, If $l + m + n = 15, lm + mn + nl = 74$

Q.20. Find the Product of $(\sqrt{a} + \sqrt{b})(a - \sqrt{ab} + b)$

OR

The sum of two expressions is $3x^3 + 3x + 7y + 4xy$. If one expression is $4xy - 3x^3$, find the other.

Q.21. Find the value of x, if: $A = \begin{bmatrix} 4 & 3 \\ x & 5 \end{bmatrix}$ is a singular matrix.

Q.22. Apply Cramer's Rule/ Matrices to solve the following equations:

$$5x - 2y = 1, \quad 2x - y = 0.$$

Q.23. If a transversal intersect two parallel lines then the alternate angles so formed are congruent. Prove it?

OR

The vertical angles of two intersecting lines are always congruent. Prove it?

Q.24. If $A = \begin{bmatrix} 5 & -3 \\ 6 & 8 \end{bmatrix}$ and $B = \begin{bmatrix} -4 & -5 \\ 9 & 7 \end{bmatrix}$ than show that:

$$A+B = B+A$$

Q.25. Define the following:

(a) Postulates. (b) Isosceles triangle. (c) Vertical angles. (d) Play Fair axiom.

(e) Convex Set. (f) Angle Bisector. (g) Complementary Angles. (h) Coincident points.

(i) Plane (j) Equilateral triangle.

Q.26. Find the Solution set of:

$$\frac{\sqrt{4y+2}+13}{6} = 2 \quad \text{OR} \quad \sqrt{25y-6} = 4\sqrt{y+3}$$

OR

$$-6 + |5x - 3| = 3$$

Q.27. Find the Solution set of the in-equation:

$$\frac{x+5}{10} < \frac{25-4x}{5}, \quad \forall x \in \mathbb{N}.$$

$$\text{OR } |3x - 2| < x + 5, \forall x \in \mathbb{R}$$

Q.28. Find the Solution set of $2x^2 + 7x + 4 = 0$ by completing square.

Q.29. Find the Solution set of $x^2 + 60x - 61 = 0$ by completing square.

Q.30. Find the Solution set of $2x^2 - 7x + 6 = 0$ by Quadratic formula.

Q.31. Eliminate” by substitution method:

$$ay + t = 0, bx - at = 0$$

Q.32. Eliminate v_i from the following equations by comparison method:

$$v_f = v_i + gt, s = v_i t - \frac{1}{2} gt^2$$

Q.33. Find a relation independent of ‘x’ from the following equation by the use of formulae:

$$x - \frac{1}{x} = 2a, x^2 + \frac{1}{x^2} = b^2$$

Q. 34. Find a relation independent of ‘x’ from the following equation by the use of formulae:

$$(i) x^2 + \frac{1}{x^2} = m^2, x^4 + \frac{1}{x^4} = b^4$$

$$(ii) x + \frac{1}{x} = 2a, x^3 + \frac{1}{x^3} = b^3$$

(iii) Eliminate ‘y’ from the following equations:

$$\frac{x}{b} + \frac{b}{x} = 2c,$$

$$\frac{x^2}{b^2} + \frac{b^2}{x^2} = a^2$$

Q.35. Eliminate “t” from the following:

$$\frac{x}{p} = \frac{1+t^2}{2t}, \frac{y}{q} = \frac{1-t^2}{2t}$$

Q. 36. Find the value of $a^2 + b^2$, when:

$$(i) a + b = 4 \text{ and } a b = 3$$

$$(ii) a + b = -8 \text{ and } a - b = -6$$

Q. 37. Find $x - y$ when $x + y = -9$ and $xy = 20$.

Q. 38. Find $a^2 + b^2 + c^2$ When $a + b + c = 13$ and $a^2 + b^2 + c^2 = 69$

Q. 39. Find the value of $x^3 + y^3$ When $x + y = -5$ and $xy = 8$.

Q.40. Find the value of $8x^3 - \frac{1}{3x}$ when $2x - \frac{1}{3x} = 5$.

Q.41. If $a + b = 4$, prove that

$$a^3 + b^3 + 12ab = 64$$

Q. 42. Prove that:

$$(a + 2)(a - 2)(a^2 - 2a + 4)(a^2 + 2a + 4) = a^6 - 64$$

Q. 42. Find product of:

$$(l + m - 2n)(l^2 + m^2 + 4n^2 - lm + 2mn + 2nl)$$

Q. 43. Find $l^3 + m^3 + n^3 - 3lmn$ when $l + m + n = 7$ and $l^2 + m^2 + n^2 = 3$

Q. 44. Find the trigonometric ratios of 45° or 60° ?

Q. 45. Derive $1 + \tan^2 \theta = \sec^2 \theta$?

IMPORTANT LONG QUESTIONS

Q. 1. Factorize the Following:

(a) $-3x^{2n} + 11x^n + 4$ (b) $a^8 + a^4 + 1$

(c) $x^2 - y^2 - x + \frac{1}{4}$ (d) $y^4 + 2y^3z - 2yz^3 - z^4$

(e) $s^2 - 16 + 8t - t^2$ (f) $16a^4 - 97a^2b^2 + 81b^4$

(g) $18y^2 + 9y - 20$ (h) $t^5 + t^2y^3$

(i) $\frac{a^4b}{81} - \frac{ab^4}{3}$ (k) $x^{12} - y^{12}$

(l) $a^3 - a^2 + 2$ (m) $x^3 - x - 2y + 8y^3$

(n) $125r^3 - (s + at)^3$ (o) $27x^3 - 1 + 8y^6 + 18xy^2$

Q.2. Show that $x^3 + y^3 + z^3 - 3xyz$, can be written as:

$$\frac{1}{2}(x + y + z)[(x - y)^2 + (y - z)^2 + (z - x)^2]$$

Q.3. The exterior angle of a triangle is always greater in measure than either of its opposite interior angles. Prove it?

OR

The sum of measures of angles of a triangle is equal to 180° . Prove it?

Q.4. (a) Find the second Polynomial If first polynomial is $x^2 - 5x - 14$, H.C.F and L.C.M are $(x - 3)$ and $x^3 - 10x^2 + 11x + 70$, respectively.

(b) Find the product of $\begin{bmatrix} 6 & -5 \\ 7 & -4 \end{bmatrix} \begin{bmatrix} 5 & 2 \\ 0 & 1 \end{bmatrix}$

Q.5 (a). If $A = \begin{bmatrix} 3 & 2 \\ 1 & 0 \end{bmatrix}$ then show that $AA^{-1} = I$

Q.5. (b) Solve by Matrices, if possible

$$8x - 4y = 2, \quad x + 2y = 4$$

OR

For what value of q , $4x^4 + 12x^3 + 25x^2 + 24x + q$ will be a perfect square?

OR

For what value of a and b, $x^4 + 4x^3 + 10x^2 + ax + b$ is a perfect square?

Q.6 (a). Construct the triangle:

$m \overline{PR} = m \overline{QR} = 8 \text{ cm}$ and $m\angle P = 60^\circ$.

OR

$m \overline{PR} = 8 \text{ cm}$, $m \overline{QR} = 6 \text{ cm}$ and $m\angle P = 70^\circ$.

(b) Solve the triangle ACB when $m\angle C = 90^\circ$

$a = b = 5 \text{ cm}$

OR

$m\angle B = 30^\circ$ and $b = 3 \text{ cm}$.

Q. 7 (a). Prove that:

$\text{Cot}\beta + \tan\beta = \text{Cot } \beta \text{ Sec}^2\beta$

OR

$$\frac{\sin\theta}{1-\cos\theta} = \frac{1+\cos\theta}{\sin\theta}$$

(b) Find the measure of angle of elevation of the sun, if a tower 300m high casts a shadow 519m long.

OR

A tree of 180 dm height, on one bank of the river, makes angle of 30° directly on the opposite side of the river. Find the Width of the river.

PHYSICS

SECTION A (MULTIPLE CHOICE QUESTION)

Choose the correct answers from each of the following.

1. The laws of reflection were introduced by _____.
a) Yaqoob al kindi b) Ibn-ul-haitham c) Moosakhwarizmi d) virtual, erect and small
2. In S.I. system, the unit of mass is _____.
a) Gram b) pound c) slug d) Kg.
3. A 25N force acts along x-axis, its y component is :
a) 0N b) 25N c) -25N d) none of the above.
4. The acceleration of a ball thrown vertically upwards in S.I. system will be :
a) 98 m/s^2 b) 980 cm/s^2 c) -9.8 m/s^2 d) 32 ft/s^2
5. A body will be in the state of stable equilibrium if its centre of gravity lies:
a) at the point of suspension b) below the point of suspension
c) above the point of suspension d) none of these.
6. The mass of earth is :
a) 6×10^{24} slugs b) 6×10^{24} grams c) 6×10^{24} N d) 6×10^{24} kg.
7. The S.I. unit of work is :
a) watt b) Newton c) N-m d) Dyne.
8. The pressure of the liquid depends :
a) only upon its density
b) only upon its height above the point inside the liquid
c) upon its density as well as height above the point inside the liquid
d) neither density nor height
9. The maximum density of pure water is at:
a) 0°C b) 100°C c) 4°C d) -4°C
10. Sound waves cannot travel through:
a) water b) solid c) vacuum d) gases
11. A virtual, erect and diminished image is always obtained from a:
a) plane mirror b) concave mirror c) convex mirror d) parabolic mirror
12. If $I = 1.5 \text{ amp}$, $R = 10 \text{ ohms}$, then V is:
a) 15 volts b) 1.5 volts c) 150 volts d) 10 volts
13. Shunt converts a galvanometer into:
a) a voltmeter b) an ammeter c) a watt meter d) a calorie meter
14. The rectification is obtained from a:
a) transistor b) capacitor c) resistor d) semi-conductor diode
15. Gamma rays are:
a) fast moving neutral particles b) electromagnetic radiations
c) fast moving positively charged particles d) fast moving negatively charged particles
16. Amplification can be obtained by:
a) radar b) transistor c) p-n junction d) capacitor
17. If $v = 10 \text{ m/s}$, $t = 5 \text{ sec}$, S will be:
a) 15m b) 5m c) 2m d) 50m
18. The elements having atomic number greater than 82 are called:
a) semiconductor b) conductor c) insulator d) radioactive element
19. The substance placed between the conductor plates of a capacitor is called:
a) Dielectric b) capacitor c) insulator d) resistance
20. In S.I. system, the value of G is:
a) $6.67 \times 10^{11} \text{ Nm}^2/\text{kg}^2$ b) $6.67 \times 10^{-11} \text{ Nm}^2/\text{kg}^2$ c) $6.67 \times 10^{11} \text{ Nm}^2/\text{kg}^2$ d) $6.76 \times 10^{-11} \text{ Nm}^2/\text{kg}^2$
21. Maximum beat frequency that human ear can detect is:
a) 6 b) 7 c) 5 d) 10

22. Unit of light intensity is
a) N/m^2 b) Volt c) Candela d) Joule
23. Which of the following is same as Kg.m/s^2
a) Joule b) Newton c) Pascal d) Watt
24. Loudness of sound depends upon:
a) Area of vibration b) Amplitude c) Frequency d) All of them
25. Rate of motion in specific direction is called:
a) speed b) velocity c) acceleration d) power
26. Equivalent weight of 10 kg is:
a) 98N b) 980N c) 100N d) 196N
27. Which of the following given real image.
a) plane mirror b) concave mirror c) convex mirror d) human eye
28. One micro meter is equivalent to:
a) 10^{-3}m b) 10^{-6}m c) 10^{-9}m d) 10^{-12}m
29. Refractive index of water is:
a) 1.5 b) 1 c) 2.4 d) 1.33
30. Human eye is similar to:
a) microscope b) telescope c) camera d) periscope
31. Acceleration of 1 kg ball for downward motion is:
a) 9.8 m/s^2 b) -9.8 m/s^2 c) 1 m/s^2 d) 98 m/s^2
32. The refractive index of Ruby is:
a) 1.51 b) 1.52 c) 1.53 d) 1.54
33. The least distance of vision for a normal eye is:
a) 20cm b) 25cm c) 30 cm d) 35 cm
34. The speed of light in water is:
a) $2.25 \times 10^8\text{ m/s}$ b) $2.26 \times 10^8\text{ m/s}$ c) $2 \times 10^8\text{ m/s}$ d) $3 \times 10^8\text{ m/s}$
35. One Nano meter is equal to:
a) 10^{-3}m b) 10^{-5}m c) 10^{-9}m d) 10^{-12}m
36. Evaporation takes place at:
a) 0°C b) 100°C d) -100°C d) all temperatures
37. The focal length of +2 diopter convex lens is:
a) 10cm b) 25 cm c) 50 cm d) 75 cm
38. The rate of the flow of the charge in a conductor is called:
a) current b) volt c) farad d) coulomb
39. The relation between magnetic field and electric current was discovered by:
a) newton b) ousted c) faraday d) Fleming
40. When two forces $F_x = 6\text{N}$ and $F_y = 6\text{N}$ are acting on a body, the angle between them will be:
a) less than 30° b) 30° c) 45° d) 90°
41. The time period of seconds pendulum is:
a) 1 sec b) 2 sec c) 3 sec d) 4 sec
42. If mass of a body is 10 kg, its weight will be:
a) 9.8gm b) 98N c) 0.98N d) 0.98 kg
43. The lightest particle in an atom is:
a) neutron b) proton c) α -particle d) electron
44. Joule per coulomb is called :
a) ampere b) ohm c) volt d) watt
45. The wave produced by a vibrating body in air is:
a) transverse b) longitudinal c) electromagnetic d) stationary
46. If $q = 6\text{cm}$ and $p = 2\text{cm}$, magnifying power of the lens will increase:
a) 2 times b) 3 times c) 4 times d) 5 times

47. The speed of sound at N.T.P (normal temperature and pressure) is:
 a) 336 m/s b) 340 m/s c) 342 m/s d) 350 m/s
48. The book Kitab-al-manazir is written by:
 a) ibn-al-haitham b) al Beruni c) yaqoob al-kindi d) Dr. Abdul Qadeer
49. 1 Pico second = _____ seconds.
 a) 10^{-3} b) 10^{-6} c) 10^{-9} d) 10^{-12}
50. The rate of change of velocity is known as:
 a) displacement b) acceleration c) uniform motion d) speed
51. Newton first law of motion gives the concept of:
 a) energy b) inertia c) momentum d) force
52. Negative vector is that vector which is equal in magnitude, but:
 a) same in direction b) opposite in direction
 c) perpendicular d) none of them
53. If the centre of gravity of a body is lower than its point of support, then its equilibrium will be:
 a) static b) unstable c) neutral d) stable
54. The S.I. unit of energy is:
 a) newton b) joule c) Kg d) coulomb
55. Archimedes principle is applied to determine:
 a) specific heat b) specific gravity c) specific resistance d) latent heat
56. The conversion of liquid into vapors at all temperatures is called:
 a) boiling b) melting c) evaporation d) sublimation
57. Sound waves are:
 a) transverse waves b) radio waves c) longitudinal waves d) electromagnetic waves
58. For total internal reflection, the angle of incidence must be _____ the critical angle.
 a) greater than b) less than c) equal to d) half of
59. A ray of white light thrown to a glass prism cannot be:
 a) deviated b) dispersed c) focused d) refracted
60. Three resistances of 3Ω are connected in parallel. The total resistance will be:
 a) 3Ω b) 9Ω c) 1Ω d) $1/3\Omega$
61. To measure the potential difference, the voltmeter is always connected in circuit in:
 a) series b) parallel c) anyway d) parallel to ammeter
62. The elements having atomic number greater than 82 are called:
 a) semiconductors b) conductors
 c) radioactive elements d) insulators
63. Which one of these have maximum value of refractive index:
 a) ruby b) crown glass c) quartz d) diamond
64. Production of beats is due to the _____ of sound waves.
 a) interference b) reflection c) diffraction d) refraction
65. The branch of physics concerned with highly ionized atom is called _____ physics.
 a) atomic b) nuclear c) plasma d) nuclear state
66. The unit of coefficient of friction (μ) is :
 a) Newton b) joule c) Newton meter d) none of these
67. The waves produced by a vibrating body in air are :
 a) longitudinal waves b) transverse waves c) EM waves d) magnetic waves
68. It always gives virtual image:
 a) concave lens b) convex mirror c) plane mirror d) All of them
69. The viscosity of ethanol is:
 a) 0.019 b) 0.1 c) 1.000 d) 0.081
70. If the frequency of a pendulum is 10 Hz, then the time period will be:
 a) 1 sec b) 10 sec c) 0.1 sec d) 0.01 sec

71. Water has maximum density at:
 a) 0°C b) -4°C c) 4°C d) 100°C
72. 1 Mega meter = _____ meters
 a) 10^{12} b) 10^9 c) 10^6 d) 10^{15}
73. If $p = 15\text{ cm}$, $q = 30\text{ cm}$, the magnification is:
 a) 2 b) $\frac{1}{2}$ c) 45 d) 15
74. Latent heat of vaporization of water is:
 a) $3.36 \times 10^5\text{ J/Kg}$ b) $2.26 \times 10^5\text{ J/Kg}$ c) $2.26 \times 10^6\text{ J/Kg}$ d) $2.26 \times 10^{-6}\text{ J/Kg}$
75. Right hand rule is introduced by:
 a) Maxwell b) Faraday c) Oersted d) Ampere
76. Rainbow appears due to:
 a) absorption of light b) dispersion of light c) refraction of light d) reflection of light
77. The mass of our galaxy is:
 a) $2 \times 10^{43}\text{ kg}$ b) $2 \times 10^{50}\text{ kg}$ c) $6 \times 10^{24}\text{ kg}$ d) $7 \times 10^{22}\text{ kg}$
78. Which of the following is used for the study of thyroid glands?
 a) I-132 b) P-32 c) Na-24 d) Cd-60
79. Rechargeable cell is called _____ cell.
 a) Daniell cell b) secondary c) primary d) voltaic
80. The only noble prize holder scientist from Pakistan is:
 a) Dr. Abdus Salam b) Dr. Abdul Qadeer c) Dr. Atta urRehman d) DrSaleemuzZaman
81. The least count of screw gauge is:
 a) 0.001 cm b) 0.1 cm c) 0.01 cm d) 0.0001cm
82. The S.I. unit of force is:
 a) meter b) ms^{-1} c) kg d) Newton
83. A vector quantity is :
 a) Density b) Velocity c) temperature d) distance
84. The turning effect of a force about an axis is:
 a) Force b) Rotation c) Torque d) Momentum
85. In case of satellites, the necessary acceleration is provided by:
 a) frictional force b) gravitational force c) coulombs force d) magnetic force
86. 1 Hp= _____ .
 a) 467 watts b) 647 watts c) 746 watts d) 764 watts
87. For an ideal machine, efficiency is:
 a) 1 b) 2 c) 3 d) 4
88. Elasticity of a substance depends on its:
 a) temperature b) size c) mass d) nature
89. The temperature of a substance changes from -20°C to 20°C . what is the temperature change in Kelvin scale.
 a) 0 K b) 20 K c) 40 K d) 239 K
90. The waves produced in a vibrating body in air are:
 a) longitudinal b) transverse c) electromagnetic d) magnetic
91. If the inner surface of a spherical mirror is reflecting, it is called:
 a) plane mirror b) convex mirror c) concave mirror d) ordinary mirror
92. Refractive index of common salt (sodium chloride) is:
 a) 1.33 b) 1.52 c) 1.53 d) 1.54
93. 1 micro gram =
 a) 10^{-3} KG b) 10^{-6} KG c) 10^{-9} KG d) 10^{-12} KG
94. If the speed of a body moving in a circle is doubled, its centripetal acceleration becomes.
 a) Twice b) four times c) eight times d) three times

95. Which is the best approximation of the weight of an object of mass 800 gram?
 a) 88N b) 80N c) 8N d) 0.8N
96. Specific heat of ice is:
 a) $4200 \text{ Jkg}^{-1}\text{k}^{-1}$ b) $2100 \text{ Jkg}^{-1}\text{k}^{-1}$ c) $4300 \text{ Jkg}^{-1}\text{k}^{-1}$ d) $4100 \text{ Jkg}^{-1}\text{k}^{-1}$
97. The work will be negative if the angle between force and displacement is:
 a) 90° b) 180° c) 0° d) 45°
98. If P type substance the charge carrier are:
 a) electron b) proton c) holes d) Neutron
99. To measure current in a circuit, an ammeter is always connected:
 a) in series b) in parallel c) in any way d) none of these
100. It is a scalar quantity.
 a) torque b) frequency c) electric intensity d) momentum

SECTION B (Short Question Answers)

- A car moving with a uniform acceleration attains a speed of 36km/hr in 2 minutes. Find the acceleration of the car.
- A stone is dropped from a tower. It reaches the ground in 5 seconds. Calculate the height of the tower.
- Write three differences between mass and weight.
- Define linear momentum. Write down its formula and S.I. unit
- A force of 100N acts on an angle of 60° with the horizontal. Find its horizontal and vertical component.
- With the help of rectangular components of a vector derive the equation for the resultant vector. $F = \sqrt{Fx^2 + Fy^2}$
- Define Equilibrium. Write down the conditions of equilibrium and relate the formula.
- A string 2m long is used to whirl a 100gm in horizontal circle at a speed of 2ms^{-1} find tension in string.
- Define power and derive $P=FV$.
- Explain Hook's law applied on a helical spring.
- How much amount of heat is required to raise the temperature of 800 g of iron through 50°C ? (Specific heat of iron = $499.8 \text{ J/Kr}^\circ\text{C}$).
- Define anomalous expansion of water and give its two effects.
- Prove that $V = f\lambda$
- Write down three differences between transverse and longitudinal waves.
- Find the time period of simple pendulum of length 288cm.
- Write three uses of concave mirror.
- Define "Reflection of light". State the two laws of Reflection of light.
- Draw the diagram of defects of eyes. Describe short sightedness and long sightedness.
- Compare between Newton's corpuscular theory and Huygens's wave theory of light.
- Calculate the current of electric heater. If 1800 coulombs charge passes through it in 3 min.
- Define the following.
 a) Alternating current (A.C) b) Electric field c) Electrostatic Induction
- Three resistances of 4Ω , 6Ω and 12Ω are connected in paralleled with a source of 6 volt. Find the current flowing through the circuit.
- Define electric motor and write down two factors on which its speed depends.
- What is transistor? Write its two advantages.
- What is Radar? Write its three uses
- Write down three contributions of Al-Beruni in the field of science.
- Write three differences between α -rays and β -rays.
- Write down three uses of laser technology.
- Write two uses of radioisotopes in medicine and one use in industry.
- Half life of $_{53}\text{I}^{131}$ is 8 days. Find the amount of iodine left after 16 days from a sample of 100 grams.

SECTION C (Descriptive Question Answers)

1. Derive the equation $\beta = 3\alpha$
2. Derive the equation $S = v_i t + \frac{1}{2} a t^2$
3. State Newton law of gravitation and derive the formula for mass of earth with its help.
4. Define K.E. and derive the equation $K.E = \frac{1}{2} m v^2$
5. Define Pascal's law and explain anyone of its application by diagram.
6. State Boyle's Law, Charles Law and pressure Law. Derive $PV = nRT$.
7. Draw the diagram of defects of eyes. Describe short sightedness and long sightedness.
8. What is an electrical capacitor? Write down these factors upon which its capacity depends.
9. Define coulomb's Law, Derive the equation: $F = K \frac{q^1 q^2}{r^2}$
10. Write two differences between P type substance & N type substance

اردو

اہم سوالات برائے امتحان 2021

جماعت: دہم

حصہ "الف" (لازمی) (کثیر الانتخابی سوالات)

سوال نمبر 1: دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لیے درست درست جواب کا انتخاب کیجئے۔

1. خدائی پیوند ہے:

ا۔ مال ب۔ رشتہ ج۔ اولاد

2. ہندوؤں نے مسلمانوں کو ہندو بنانے کے لیے یہ تحریک شروع کی۔

ا۔ شدھی تحریک ب۔ سنگھٹن تحریک ج۔ تحریک خلافت

3. سبق اخلاقِ نبوی ﷺ کے مصنف ہیں۔

ا۔ سر سید احمد خان ب۔ سید سلیمان ندوی ج۔ علامہ شبلی نعمانی

4. نظم نعمت کے شاعر ہیں۔

ا۔ اسماعیل میرٹھی ب۔ مولوی عبدالحق ج۔ امیر مینائی

5. نظم برسات کا تماشا کے شاعر ہیں۔

ا۔ اکبر الہ آبادی ب۔ نظیر اکبر آبادی ج۔ راغب مراد آبادی

6. ہندوؤں نے اردو کے مقابلے میں قائم کی۔

ا۔ ہندی ب۔ فارسی ج۔ انگریزی

7. ایک دفعہ سفارت آئی۔

ا۔ یہودیوں کی ب۔ نجاشی کی ج۔ کفار کی

8. ڈپٹی نذیر احمد کے ناولوں کی تعداد ہے۔

ا۔ سات ب۔ چودہ ج۔ چھ

9. دنیا میں اول مرتبہ بزرگی کا ہے۔

ا۔ ماں کا ب۔ باپ کا ج۔ اللہ تعالیٰ کا

10. سبق شہید کا مرکزی کردار ہے۔

ا۔ فاطمہ ب۔ رضیہ ج۔ جاوید

11. بدھ رام بوڑھی کا کی کے تھے۔

ا۔ بیٹے ب۔ بھانجے ج۔ بھینجے

12. مرزا ادیب کا اصل نام ہے۔

ا۔ مرزا دلاور حسین ب۔ مرزا بشیر ج۔ مرزا غالب

13. مرزا ادیب کی شہرت کی وجہ یہ کتاب ہے۔

ا۔ جنگل ب۔ خاک نشیں ج۔ صحرا نورو کے خطوط

14. آپ کو اردو کا پہلا ناول نگار کہا جاتا ہے۔

ا۔ ڈپٹی نذیر احمد ب۔ علامہ اقبال ج۔ مرزا غالب

15. نظم حمد میں تعریف کی جاتی ہے۔

ا۔ اللہ کی ب۔ کائنات کی ج۔ انسانوں کی

16. آپ کو غزل کا بادشاہ کہا جاتا ہے۔

ا۔ غالب ب۔ میر تقی میر ج۔ مولوی اسماعیل میرٹھی

17. آپ کو عوامی شاعر کہا جاتا ہے۔

ا۔ اکبر الہ آبادی ب۔ نظیر اکبر آبادی ج۔ غالب

18. نظم حمد کے شاعر ہیں۔

ا۔ مولوی فضل الحق ب۔ مولوی اسماعیل میرٹھی ج۔ مولانا عبدالحق

19. مصافحہ کا مطلب ہے۔

ا۔ سلام کرنا ب۔ مسکرا کے ملنا ج۔ گلے ملنا

20. سعد بن عبادہ رض کے صاحبزادے کا نام تھا۔

ا۔ خالد ب۔ قیس ج۔ عمر

21. ماں باپ کے اطاعت گزار ہوتے ہیں۔

ا۔ برگشتہ ب۔ صاحب اقبال ج۔ بد اقبال

22. استاد پرورش کرتا ہے۔

ا۔ جسمانی ب۔ روحانی ج۔ دونوں

23. ہر بھائی، بھائی کے لیے ہے۔

ا۔ دوست ب۔ قوت بازو ج۔ مہربان

24. سبق نظریہ پاکستان کے مصنف ہیں۔

ا۔ مرزا فرحت اللہ بیگ ب۔ ڈاکٹر غلام مصطفیٰ خان ج۔ سر سید احمد خان

25. ستاروں کی جھرمٹ سے شاعر کی مراد ہے۔

ا۔ لوگ ب۔ برا عظم ج۔ ممالک

26. حضور اکرم ﷺ کی آغوش کے پروردہ تھے:

ا۔ حضرت قیس رض ب۔ حضرت ہند بن ابی ہالہ رض ج۔ حضرت جریر بن عبد اللہ رض

27. سلطانہ کی بہن کا نام تھا۔

ا۔ جمال آرا ب۔ شاہ زمانی بیگم ج۔ خالدہ

28. "لٹو ہونا" قواعد کے لحاظ سے ہے۔

ا۔ روزمرہ ب۔ استعارہ ج۔ محاورہ

29. بڑھاپا دور ثانی ہوا کرتا ہے:

ا۔ جوانی کا ب۔ بچپن کا ج۔ کسی کا بھی نہیں

30. سبق "ڈسٹرکٹ بورڈ کی ڈسپنری" ماخوذ ہے:

۱۔ مٹی کا دیا سے ب۔ شہاب نامہ سے ج۔ سفر نامہ سے

حصہ "ب" (لازمی) (مختصر سوالات کے جوابات)

سوال نمبر 2۔ مندرجہ ذیل سوالات میں سے دو سوالات کے مختصر جوابات تحریر کریں۔

1. حضرت علی رض کو حضور پاک ﷺ نے کیا اخلاق بیان فرمائے؟

2. حضرت عتباں بن مالک رض نے حضور پاک ﷺ سے کیا درخواست کی؟

3. آپ ﷺ کے اخلاق کے بارے میں ہند بن ابی ہالہ کیا فرماتے ہیں؟

4. دنیا کی بہبود کے لیے کون کون سی چیزیں ضروری ہیں؟

5. قانونِ ادب سے کیا مراد ہے؟

6. شاہ ولی اللہ کی تحریک کا کیا مقصد تھا؟

7. سر سید احمد خان کا ہندو اور مسلمان قوموں کے بارے میں کیا نظریہ تھا؟

8. نظریہ پاکستان کا مفہوم مختصر بیان کریں۔

9. روپا نے بوڑھی کا کی کھانے کا تھال دے کر کیا کہا؟

10. بوڑھی کا کی نے اپنی ساری جائیداد بدھ رام کے نام کیوں کر دی تھی؟

11. رضیہ کے والد نے فاطمہ کو تسلی دینے کے لیے کیا جملے ادا کیے؟

12. مصنف نے گاؤں کے اندر کارڈ کو کیسا پایا؟

13. بیرنگ خط سے کیا مراد ہے؟

14. دریائے کو سی کہاں واقع ہے؟

سوال نمبر 3: مندرجہ ذیل سبق یا نظم کا مرکزی خیال تعارف مصنف / شاعر کے ساتھ تحریر کریں۔

اسباق نظوم
بوڑھی کا کی دنیا اسلام شہید برسات کا تماشہ رشتہ ناتہ گرمی کی شدت

ڈسٹرکٹ بورڈ کی ڈسپنری جیوے جیوے پاکستان

سوال نمبر 4: مندرجہ ذیل اشعار میں سے دو اشعار کی تشریح حوالہ شاعر کے ساتھ کیجیے۔

1. جو تجھ بن ناجینے کو کہتے تھے ہم سواب اس عہد کو وفا کر چلے
2. دکھائی دیئے یوں کر یے خود کیا ہمیں آپ سے بھی جدا کر چلے
3. جبیں سجدہ کرتے ہی کرتے گئی حق بندگی ہم ادا کر چلے
4. چپک رہا ہے بدن پر لہو سے پیرا ہین ہماری جیب کو اب حاجتِ رفو کیا ہے
5. جلا ہے جسم جہاں دل بھی جل گیا ہو گا کریدتے ہو اب راکھ جستجو کیا ہے؟
6. رہی ناطقت گفتار اور اگر ہو بھی تو کس امید پہ کہیے کہ آرزو کیا ہے؟
7. رہ پر موتی، ہادی و عیسیٰ، تارک دنیا، مالک عقبیٰ ہاتھ کا تکیہ، خاک کا بستر ﷺ
8. بنائی ہے تو نے یہ کیا خوب چھت کہ ہے سارے عالم کی جس میں کھپت
9. ربط و ضبط ملتِ بیضا ہے مشرق کی نجات ایشیاء والے ہیں اس نکتے سے اب تک بے خبر
10. ایک ہوں مسلم خرم کی پاسبانی کے لیے نیل کے ساحل سے لے کر تائیہ خاک کا شجر

سوال نمبر 5: درج ذیل شعری اصطلاحات یا اصافِ سخن کی تعریف تحریر کیجیے۔

مطلع۔ مقطع۔ قافیہ۔ ردیف۔ استعارہ۔ تشبیہ فسانہ۔ ڈرامہ۔ ناول۔ آپ بیتی۔ غزل
حصہ "ج" (لازمی) (تفصیلی جوابات کے سوالات)

سوال نمبر 6: مندرجہ ذیل جملوں کی وضاحت حوالے کے ساتھ تحریر کیجیے۔

1. مسلمانوں کی قومیت ایک نظریاتی قومیت ہے۔
2. دنیا کا دستور ہے کہ کوئی فرد بشر رنج سے خالی نہیں۔
3. تم بھی میرے اونٹ پر سوار ہو لو۔
4. تمہارا ہر اک بھائی قوتِ بازو ہے لیکن مثلِ مشہور ہے کہ بڑا بھائی باپ برابر۔
5. ماں بیٹے دو ذات پھوپھی بھتیجے ایک ذات۔
6. نظریہ پاکستان کا مقصد پاکستان کو ایک اسلامی اور فلاحی ریاست بنانا ہے۔
7. ڈھنڈورا شہر میں بچہ بغل میں۔
8. آسمان پر تاروں کے تھال سجے ہوئے تھے اور ان پر بیٹھے ہوئے فرشتے بہشتی نعمتیں سجا رہے تھے۔

9. ہر معاملے کی دو ہی صورتیں ہیں فتح یا شکست۔

10. ناعرف لکھنے کی حاجت، نامحلے کی حاجت۔

سوال نمبر 7: اپنے دوست کے نام ایک خط تحریر کریں جس میں وبائی امراض سے محفوظ رہنے کی تدابیر سے آگاہ کریں

یا

مندرجہ ذیل عنوانات میں سے کسی ایک عنوان پر مضمون تحریر کریں۔

محنت کی عظمت — قومی ہمدردی — بے ادگار واقعہ یا سیر — پسندیدہ شخصیت — قومی اتحاد

اسلامیات

اہم سوالات برائے امتحان 2021

جماعت: دہم

حصہ "الف" (لازمی) (کثیر الانتخابی سوالات)

سوال نمبر 1: دیئے ہوئے ممکنہ جوابات میں سے ہر ایک کے لیے درست درست جواب کا انتخاب کیجئے۔

1. مرد فین کے معنی ہیں:

ا۔ لگاتار آنے والا ب۔ وقفے وقفے سے آنے والے

ج۔ ایک ساتھ آنے والے د۔ بے ترتیب آنے والے

2. میدان بدر میں دیکھ کر شیطان پسپا ہو کر چل دیا۔

ا۔ لشکرِ اسلام کو ب۔ فرشتوں کو ج۔ جنات کو د۔ شان و شوکت کو

3. انسان کو چاہیے کہ اپنی محبت و اطاعت کا مرکز رکھے۔

ا۔ اپنی ذات کو ب۔ اپنی اولاد کو ج۔ اپنے خاندان کو د۔ اپنے دوستوں کو

4. رحم کے زیادہ مستحق ہیں۔

ا۔ نوجوان ب۔ غریب ج۔ چھوٹے د۔ بوڑھے

5. جہنم کی آگ کا ایندھن ہے/ہیں۔

ا۔ رشوت دینے والا ب۔ رشوت دینے والا ج۔ کفار د۔ تینوں

6. اللہ تعالیٰ نے انسانوں کی ہدایت کے لیے بھیجے۔

ا۔ انبیاء ب۔ اولیاء ج۔ صلحاء د۔ تینوں

7. قرآن پاک کے اجزاء ہیں۔

ا۔ 30 ب۔ 35 ج۔ 25 د۔ 20

8. دابر کے معنی ہیں:

ا۔ جڑ ب۔ شاخ ج۔ کانٹے د۔ اسلحہ

9. موہن کے معنی ہیں:

ا۔ جھوٹ بولنے والا ب۔ خیانت کرنے والا ج۔ کمزور کرنے والا د۔ تینوں

10. مغلوب کے معنی ہیں:

ا۔ بے زور ب۔ طالب ج۔ غالب د۔ حاکم

11. مکاء کے معنی ہیں:

ا۔ تالیاں ب۔ سیٹیاں ج۔ ڈھول د۔ شور

12. اسلام کے پہلے غزوہ کا نام ہے۔

ا۔ غزوہ حنین ب۔ غزوہ تبوک ج۔ غزوہ احد د۔ غزوہ بدر

13. یوم الفرقان کا مطلب ہے۔

ا۔ خوشی کا دن ب۔ فتح کا دن ج۔ فیصلے کا دن د۔ تینوں

14. مسجدِ احرام کے متولی ہیں۔

ا۔ بزرگ ب۔ اہل قریش ج۔ پرہیزگار د۔ مسلمان

15. اسری کا مطلب ہے۔

ا۔ قیدی ب۔ قید خانہ ج۔ شکاری د۔ شکار گاہ

16. سورۃ الانفال میں ثرالدو آب کہا گیا۔

ا۔ کافروں کو ب۔ ہاتھیوں کو ج۔ خنزیر کو د۔ تینوں کو

17. حضور پاک ﷺ دونوں جہاں کے ہیں۔

ا۔ محسنِ انسانیت ب۔ رحمت اللعالمین ج۔ خاتم النبیین د۔ تینوں

18. اللہ اور اس کے رسول ﷺ کی محبت کا تقاضا ہے کہ:

ا۔ اس میں کوئی شریک نہ ہو ب۔ اس تعلق سے بڑھ کر کوئی ناہو

ج۔ ہر چیز پر اس کو ترجیح دی جائے د۔ تینوں

19. پہلی وحی میں ذکر ہے۔

ا۔ طہارت کا ب۔ عبادت کا ج۔ اطاعت کا د۔ علم کا

20. انسان زمین پر ہے اللہ کا:

ا۔ خلیفہ ب۔ نائب ج۔ بندہ د۔ تینوں

21. قرآن پاک کو دیگر آسمانی کتابوں کے لیے کہا گیا۔

ا۔ مصدق ب۔ البرہان ج۔ النور د۔ البیان

22. حدیث میں دین کا ستون قرار دیا گیا۔

ا۔ نماز کو ب۔ روزے کو ج۔ جہاد کو د۔ حج کو

23. مالِ غنیمت بنیادی طور پر حق ہے۔

ا۔ اللہ کا ب۔ رسول کا ج۔ مجاہدین کا د۔ اللہ اور اس کے رسول کا

24. سلسلہ نبوت کے آخری پیغمبر ہیں:

ا۔ حضرت آدمؑ ب۔ حضرت موسیٰؑ ج۔ حضرت نوحؑ د۔ حضرت محمد ﷺ

25. آیاتِ مبارکہ کی تعداد 75 ہے۔

ا۔ سورۃ الانفال میں ب۔ سورۃ الحزاب میں ج۔ سورۃ التوبہ میں د۔ سورۃ البقرہ میں

26. نزولِ قرآن اس عرصے میں مکمل ہوا۔

ا۔ 33 سال ب۔ 23 سال ج۔ 32 سال د۔ 31 سال

27. آپ کا عہد خلافت میں قرآن پاک کے متعدد نقول صوبائی دار الحکومت کو بھیجے گئے۔

ا۔ حضرت ابو بکر صدیق رض ب۔ حضرت عثمان غنی رض

ج۔ حضرت علی رض د۔ تینوں کے

28. رسول پاک ﷺ کی رحلت کے بعد آپ نے قرآن پاک کو یکجا کر کے محفوظ کیا۔

ا۔ حضرت ابو بکر صدیق رض ب۔ حضرت عثمان غنی رض

ج۔ حضرت علی رض د۔ حضرت اسامہ رض

29. کئی سورتوں کی کل تعداد ہے۔

ا۔ 27 ب۔ 87 ج۔ 78 د۔ 72

30. مدنی سورتوں کی کل تعداد ہے۔

ا۔ 27 ب۔ 87 ج۔ 78 د۔ 72

31. جن مسلمانوں نے ہجرت کی وہ کہلاتے ہیں۔

ا۔ انصار ب۔ مہاجرین ج۔ مومن د۔ پرہیزگار

32. کفار کا یہ گروہ بے ہتھیار تھا۔

ا۔ ابوسفیان کا گروہ ب۔ منافقین کا گروہ ج۔ ابو جہل کا گروہ د۔ مدد کے لیے آنے والا گروہ

33. میدانِ جنگ سے پلٹنے کی صورتیں ہیں۔

ا۔ دو ب۔ چار ج۔ تین د۔ پانچ

34. اللہ کے بندوں میں سے اللہ سے ڈرتے ہیں۔

ا۔ مال دار ب۔ اربابِ اقتدار ج۔ اہل علم د۔ اہل ثروت

35. علم میں غور و خوض کرنا برابر ہے۔

ا۔ نماز کے ب۔ روزے کے ج۔ حج کے د۔ جہاد کے

36. سورۃ الانفال نازل ہوئی۔

ا۔ مکہ میں ب۔ مدینے میں ج۔ طائف میں د۔ شام میں

37. جنت کی پھلواریاں ہیں۔

ا۔ حلقہ ذکر ب۔ علم کی مجلسیں ج۔ عبادتِ الہی د۔ ان میں سے کوئی نہیں

حصہ "ب" (لازمی) (مختصر سوالات کے جوابات)

سوال نمبر 2: مندرجہ ذیل عربی عبارات کا با محاورہ ترجمہ تحریر کریں۔

* فاتقوا اللہ اصلعوا ذات بینکم
* ولن تغنی عنکم فئتکم یبئاً ولو کثرت
* الرو اعلموا ان اللہ یحول بین المرء و قلبہ
* ا طیعوا اللہ و رسولہ ان کنتم مو منین
* اذ تلیت علیہم ایتہ زادتهم ایماناً
* و مار میت اذ رمیت الکن اللہ رمی
* ولا تکونوا کالذین قالو سمعنا و ہم لا یسمعون
* ان شرالدو آب عند اللہ العمالیکم الذین لا یعقلون
* واعلموا انما مو الکمه واولا دکمه فتنه
* وقاتلوهم حتی لا تکونوا فتنه ویکون الذین کله اللہ

سوال نمبر 3: مندرجہ ذیل میں سے کسی ایک حدیث کا ترجمہ اور تشریح تحریر کریں۔

* طلب العلم فریضة علی کل مسلم
* الراشی و المرتشی فی النار
* خیر الناس من ینفع الناس
* من صلی علی مرة فتح اللہ لیا با من العافیة
* ان اکمل المؤمنین ایماناً ا جسنهم خلقا
* کلکم راع و کلکم مسؤل عن رعیة

سوال نمبر 4: مندرجہ ذیل سوالات میں سے کسی چار کے مختصر جوابات تحریر کریں۔

1. دو گروہ سے کیا مراد ہے؟
2. شرالدو آب سے کیا مراد ہے؟
3. کفار پر ان کے مطالبے کے باوجود اللہ تعالیٰ نے ان پر عذاب کیوں نازل نہ کیا؟
4. واذ یکرکب الذین کفرو میں کس واقعہ کی طرف اشارہ ہے؟
5. اس سبق میں تقویٰ کے کیا انعامات بیان ہوئے ہیں؟
6. سورة الانفال میں اللہ تعالیٰ نے مومنوں کی کیا صفات بیان کی ہیں؟
7. کفار کو خطاب کرتے ہوئے اللہ تعالیٰ نے ان آیات میں کیا تنبیہ کی ہے؟
8. سورة الانفال کی آیات میں خیانت سے کیا مراد ہے؟
9. اس سبق میں مال غنیمت کی تقسیم کے بارے میں کیا حکم دیا گیا؟
10. سورة الانفال میں اللہ تعالیٰ نے فرعون اور آل فرعون کی ہلاکت کے کیا اسباب بیان کیے؟

11. اللہ تعالیٰ نے سورۃ الانفال میں مسلمانوں کو جہاد پر ابھارنے کے لیے کیا ترغیب دی؟

12. سورۃ الانفال میں اللہ تعالیٰ نے قیدیوں کے بارے میں کیا ارشاد فرمایا؟

حصہ "ج" (لازمی) (حصہ بیانیہ)

نوٹ: مندرجہ ذیل سوالات میں سے دو کے جوابات تحریر کیجیے۔

1. قرآن مجید کا مختصر تعارف بیان کریں۔

2. قرآن پاک کی حفاظت کے بارے میں ایک نوٹ تحریر کریں۔

3. ختم نبوت پر ایک مفصل نوٹ تحریر کریں۔

4. اللہ تعالیٰ کی محبت سے کیا مراد ہے؟

5. قرآن کی روشنی میں علم کی اہمیت بیان کریں۔

6. رسول پاک ﷺ کی اطاعت کیوں ضروری ہے؟