ACADEMIC WING

# F.4.298/2023 <br> GOVERNMENT OF PAKISTAN FEDERAL DIRECTORATE OF EDUCATION <br> ISLAMABAD <br> ******* 

Islamabad the $8^{\text {th }}$ September, 2023

All Head of Institutions (HoIs)<br>Islamabad Model Schools/Colleges (Boys/Girls)<br>Urban and Rural Areas, Islamabad.

Through: Area Education Officers

## Subject: SLOs BASED QUESTION PAPERS \& PAPER PATTERNS FOR CENTRALIZED ANNUAL EXAMINATION OF CLASS V \& VIII-2024

FDE is deeply committed to enhance the quality of education and foster critical thinking, understanding, creativity, and equip students with soft skills. Aligning assessment practices with SLOs (Student Learning Outcomes) can have supportable futuristic outcomes on student development. Such an approach not only promotes a deeper understanding of the subjects but also empowers students to become active participants in their own learning journey. Conceptual understanding of the underlined concepts and how students can relate this knowledge and understanding into real life situations is essential in the global competition of job markets.
2. In this regard, FDE is taking step to initiate SLOs based assessment for Centralized Annual Examination of Class-V \& Class-VIII. This is a significant step towards achieving sustainable educational goals in the global paradigm shift in education. Apart from these key attributes, FBISE has shifted towards SLO based examination; therefore it is essential to ensure that the students are well-prepared for the SSC and HSSC Annual Examinations of FBISE. Moreover, reading, listening, and speaking assessment for languages will be an integral part of CAE Class-V and VIII from 2025 onwards.
3. This is issued with the approval of Deputy Director General (Operations).

(RIFFAT JABEEN)
Director (Acad \& QA)

## Copy to:

* APS to DG (Education).
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# Supervision: <br> MS. RIFFAT JABEEN <br> Director (Academics \& Q.A) 

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# (Academics Wing) Federal Directorate of Education 

 Islamabad ~~~R 回 8 ~~~
## REVISED

MODEL PAPERS \&
PAPER PATMERN
CLASS-VIU, 2024

## Centralized Annual

Examinations
CLASS-VIII, 2024
(Academics WVing)
Federal Directorate of
Educ@tion

## SLO BASED MODEL PAPERS \& PAPER PATTERN CLASS-VIII

Year 2024
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SECTION-A OBJECTIVE(MARKS-20)

| PAPER PATTERN | MARKING SCHEME/GRIDLINE |
| :--- | :--- |
| This section comprises of 20 grammar based <br> MCQs. Section A need to be solved on the <br> question paper. Cutting, erasing and <br> overwriting is not allowed. | 1 Mark will be awarded for correct answer. |

## 1. SECTION-B SUBJECTIVE (MARKS-45)

| PAPER PATTERN | MARKING SCHEME/GRIDLINE |
| :--- | :--- |
| This section is composed of 4 questions. Q 2 <br> will be based on comprehension questions <br> from end of unit exercises. | Each Question carries 3 Marks. Students will <br> attempt 5 questions out of given 8 questions. |
| Q 3 has two parts. Part 1 is about paraphrase <br> of a stanza of a poem from the book. Part B <br> will focus upon central idea or a summary of a <br> given poem from the book. | Q 3 carries 10 marks in total. |
| Q 4 has three parts focusing upon questions of |  |
| change of narration, voice and choosing the |  |
| correct form of verb. | Q 4 has 10 marks in total. Division of marks <br> depends upon the examiner's discretion. |
| Q 5 has three parts. Different questions from |  |
| end of unit exercised may be selected. Words |  |
| to make sentences in part c will also be taken |  |
| from end of unit exercises. | Q 5 has 10 marks in total. Division of marks for <br> part $b$ and c depends upon the examiner's <br> discretion. |

## SECTION-C SUBJECTIVE (Marks-35)

| PAPER PATTERN | MARKING SCHEME/GRIDLINE |
| :--- | :--- |
| This section is composed of 4 questions. <br> Q six is writing a paragraph of 50 to 70 words <br> on a given topic. <br> In Q 7, there will be a choice between the <br> letter and application writing. <br> Q 8 requires writing a story on a given moral. <br> This question has a choice between a story <br> and translation sentences from Urdu into <br> English. <br> Q 9 will focus upon reading skill questions <br> from a given passage which will be taken from <br> anywhere in the book. Summarizing the 8 marks. <br> passage will be a compulsory question. | Q 8 has 7 marks. |

## English

## Table of Specification

## Introduction:

Attempt all questions.
There are three sections of the paper.
Marks are written in front of each question.

## Marks Division:

Section A: 20 Marks
Section B : 45 Marks
Section C : 35 Marks

|  | Cognitive Levels and Weightage |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Recalling | Knowledge <br> and <br> Understanding | Evaluation <br> and <br> Analysis | Application | Creativity | Total |


| FDE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Roll No.    <br>     |  |  |  |  |

Answer Sheet No. $\qquad$
Signature of Candidate: $\qquad$

# SLO BASED MODEL PAPER ENGLISH <br> (Objective) <br> CLASS-VIII, 2024 

Signature of Invigilator: $\qquad$

Time Allowed: 30 Minutes
Note: This paper consists of THREE Sections. Section - A needs to be solved on the Question Paper. Section - B \& C to be solved on the Answer Sheet. Cutting, erasing and overwriting is not allowed.

## SECTION - A (Marks 20)

## Circle the correct option.

1. I want to do $\qquad$ MA.
a) a
b) an
c ) the
d) none of these
2. "Take this to your mother, she's been looking for it." The underlined word is a/an:
a ) indefinite pronoun
b) possessive pronouns
c ) demonstrative pronoun
d) reciprocal pronoun
3. "Jane Austin is a famous English writer." The underlined word is a/an :
a ) noun
b) adjective
c ) adverb
d) conjunction
4. "He gave me some chocolates." The verb in the sentence is $\mathrm{a} / \mathrm{an}$ :
a ) transitive verb
b) intransitive verb
c ) linking verb
d) none of these
5. "I will have dinner after I complete my work." What type of sentence is this?
a ) simple
b) compound
c) complex
d) none of these
6. Many people want to live quiet and peaceful lives. The underlined part is a/an:
a ) phrase
b) clause
c) sentence
d) none of these
7. "Swimming is a good exercise." The underlined word is $\mathrm{a} / \mathrm{an}$ :
a ) participate
b) infinitive
c) gerund
d) preposition
8. A $\qquad$ is a word that joins two words or two groups of words together.
a ) article
b) contraction
c) conjunction
d) interjection
9. 'Meet me $\qquad$ the library." Choose the correct preposition.
a ) at
b) in
c) along
d) on
10. All the $\qquad$ are new and expensive.
a ) clothes
b) cloth
c) clothing
d) None
11. He comes from a noble family. The underlined word is a/an:
a ) collective noun
b) concrete
c) material
d) countable
12. "She arrived early for the meeting." The underlined word is a/an:
a ) adjective
b) adverb
c) request
d) object
13. "Do as I command you." The correct synonym for the underlined word is:
a ) request
b) order
c) explain
d) none of these
14. "Her eyes were diamonds." The sentence is an example of:
a ) simile
b) alliteration
c) metaphor
d) none of these
15. "He found the beautiful sapphire lying on the withered violets."

The antonym for the underlined word is:
a ) faded
b) fresh
c) weak
d) scattered
16. Choose the correct sentence:
a ) If you freezed water, it becomes a solid.
b) If you have freezed water, it will become a solid.
c ) If you will freeze water, it might have become a solid.
d ) If you freeze water, it becomes a solid.

17 We must $\qquad$ the forests. Choose the correct option:
a ) protect
b) protected
c) will protect
d) will have been protected
18. Choose the noun form of the word "attract".
a ) attraction
b) attracted
c) attractive
d) none of these
19. "I could not get the seat $\qquad$ I was late." Choose the correct conjunction.
a) so
b) though
c) however
d) as
20. Which one of the following sentences is correct?
a) He promised that he can come.
b) He promised that he will come.
c) He promised that he will have come.
d) He promised that he would come.

# ENGLISH <br> (Subjective) <br> CLASS-VIII, 2024 

## SECTION-B (MARKS 45)

Q. 2 Answer any five of the following questions. Each question carries three marks. $\quad(5 \times 3=15$ )
i) How did Hazrat Muhammad (SAW) set high standards of justice in the society at that time?
ii) What claims are the big companies making about pollution?
iii) What kind of a story is "The Gold Legged Frog"?
iv) What is the role of individuals to control deforestation?
v) What is meant by Ecotourism?
vi) How many travelers arrive at various destinations across the world every year?
vii) What is the setting of the story "A Long Walk to Water"?
viii) Why was the Happy Prince sad?
Q. 3 a) Paraphrase any one of the following stanzas:

Every time I speak, another person hates me, Every time they answer, I must forgive again,
Every time I listen, I suppress my angry comments, Every time I hear them, I brush away the tears.

## OR

Very far is my village
Where in the dim trembling light of lanterns
While learning my lessons
I had seen the dreams of my good days.
b) Write the central idea OR summary of the poem " A Time to Talk" by Robert Frost. (05)
Q. 4 a) Change the voice. (any three)
(i) Who wrote this letter?
(ii) I sent the report yesterday.
(iii) The farmer was cheated by the neighbor.
(iv) The woman scrubbed the floor.
(v) The problem was solved.
b) Change the narration. (any two)
(i) He said, "I worked very hard but failed".
(ii) They said, "It is getting on very boring here."
(iii) She said, "Why are you late today?"
(iv) She said to her mother, "I will bring good name to you."
c) Put the correct form of verb. (any five)
(i) I (go) to Murree tomorrow.
(ii) He (visit) his uncle's house yesterday .
(iii) The mother (cook) in the kitchen now.
(iv) He (finish) his work just now.
(v) My mother (be) a doctor.
(vi) I (go) to London last year.
(vi) He (play) cricket in the evening.
Q. 5 a) Make 2 words from each affix .
(i) Un-
(ii) -ish
$\qquad$ . $\qquad$
(b) Provide antonyms of the following.
(ii) isolated
$\qquad$ (iii) chilly $\qquad$
c) Make sentences of the following words. (any three)
(i) rescue (ii) destruction
(iii) inhabitants
(iv) finally
(v) betterment
Q.6. Write a paragraph of about 50-70 words on any one of the following topics:
(a) The Role of Youth in Progress of Pakistan
(b) The Impact of Social Media on Teenagers'Lives
(c) Kindness is a great virtue.
Q.7. Write a letter to your friend inviting him/her to visit your village during summer vacations. (08)

OR
Write an application to the Principal requesting him/her to arrange a sports week.
Q. 8 Write a story with the moral "All that glitters is not gold".

OR
Translate the following sentences in English (any seven).


## Q. 9 (Note): A comprehension passage will be selected from anywhere in the book and questions focusing on reading skills will be framed upon it.)

## Read the following passage and answer the questions given at the end.

Deforestation is indeed the destruction of native forests and woods on a long-term basis. It is a very severe problem with several consequences for the ecosystem. It happens when humans clear trees for their own needs. Even if it is to meet human requirements, it cannot be justified because it poses a significant threat to environment's biodiversity. Biodiversity is critical to the ecosystem's overall health. Forests are necessary for maintaining and sustaining global ecosystems, so we must safeguard them.

## Questions:

i. What is the importance of biodiversity to the ecosystem's health?
ii. What is the author's viewpoint regarding the justification of deforestation for meeting human needs?
iii. Identify the part of speech of the underlined words.
iv. Summarize the passage in your own words and provide it a suitable title.


# SLO BASED MODEL PAPER (TABLE OF SPECIFICATION - I) COMPUTER SCIENCE 

| Assessment Type | UNIT 1 | UNIT 2 | UNIT 3 | UNIT 4 | UNIT 5 | UNIT 6 | Total Mark s | Perce ntage \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unseen questions | Qno1(ii) Qno1(iv) <br> Qno2(xiii) <br> Qno3(a) <br> Qno3 b) | Qno1(vi) <br> Qno2(iv) <br> Qno4 | Qno <br> 1(xi) 1 <br> Qno5 b | Qno 1(xiv) <br> Qno2(viii) <br> Qno 6b | Qno 1(xvi) <br> Qno2(x) <br> Qno 7b | Qno 1 (xviii) Qno1(xx) <br> Qno2(xii) Qno 8a | 68 | 50\% |
| Text book Exercise questions | Qno 1(i) Qno 1(iii) <br> Q2(i) <br> Q2 (ii) | Qno1(v) Qno1 (viii) <br> Qno 2(iii) Qno 2(xiv) | Qno1(x) <br> Qno1 <br> (ix) <br> Qno 2(v) <br> Qno <br> 2(vi) <br> Qno 5a | Qno 1(xii) Qno 1 (xiii) <br> Qno 2(vii) <br> Qno 6a | Qno 1(xv) Qno 1(xix) <br> Qno 2 (ix) <br> Qno 7a | Qno 1(vii) Qno 1(xvii) 1 <br> Qno 2(xi) <br> Qno 8b | 68 | 50\% |
| Total Marks | 26 | 25 | 21 | 21 | 21 | 22 | 136 | 100\% |

## COMPUTER SCIENCE

TABLE OF SPECIFICATION - 2

| Assessment Objective | UNIT 1 | UNIT 2 | UNIT 3 | UNIT 4 | UNIT 5 | UNIT 6 | Total Marks | Percent age |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| K Knowledge | Qno 1(iii) $\begin{gathered} \text { Q2(i) } \\ \text { Qno 2(xiii) } \end{gathered}$ | Qno 1(v) <br> Qno 2(iii) <br> Qno 2(xiv) | Qno 1(ix) Qno 1(x) <br> Qno 2(vi) Qno 5a | Qno 1(xii) Qno 1(xiii) <br> Qno 2(vii) | Qno 1(xv) <br> Qno 2(x) <br> Qno 7b | Qno 1(xviii) <br> Qno 1 (Vii) <br> Qno 2xii <br> Qno 8b | 55 | 40\% |
| U <br> Understand ing | Qno 1(i) Qno 1(ii) Qno 1(iv) <br> Q2(ii) | Qno 1(vi) <br> Qno 2(iv) | Qno 1(xi) <br> Qno 2(v) <br> Qno5 b 6 | Qno 1(xiv) <br> Qno 2(viii) <br> Qno 6a | Qno 1(xvi) Qno 1(xix) <br> Qno 2(ix) <br> Qno 7a | Qno 2(xi) <br> Qno 8a | 54 | 40\% |
| A <br> Application | Qno3(a <br> Qno3( b) | Qno <br> 1(viii) <br> Qno 410 |  | Qno 6b 4 |  | $\begin{aligned} & \text { Qno 1(xvii) } \\ & \text { Qno 1(xx) } \end{aligned}$ | 27 | 20\% |
| Total Marks | 26 | 25 | 21 | 21 | 21 | 22 | 136 |  |

## PAPER PATTERN

## COMPUTER SCIENCE

## Time Allowed: 3 hours

Total Marks: 100

## Note:

1. This paper consists of THREE sections. Section $A$ need to be solved on the question paper. Section B \& C to be solved on answer sheet. (Section A=20 marks, Section $B=40$ marks, Section C=4marks)
2. Time allowed for section $A$ is 30 minutes.
3. $50 \%$ of all types of questions are SLO based and $50 \%$ are textbook exercise based.
4. $40 \%$ questions are for assessing knowledge, $40 \%$ are for assessing understanding and $20 \%$ are application based questions.

## OBJECTIVE

## SECTION-A (20 Marks)

Q-1. Encircle the correct option. 2MCQs of one mark each.

## SUBJECTIVE <br> SECTION - B (4x10=40 Marks)

Q. 2: Attempt any TEN (10) short questions out of fifteen short question. Each short question is of 4 marks.

## SECTION - C (4x10=40 Marks)

Q.3: Answer any four long questions out of five long questions. Each long question has two parts i.e. part (a) and (b). Each long question is of 10 marks.

| FDE |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Roll No. |  |  |  |  |  |  |  |

# SLO BASED MODEL PAPER COMPUTER SCIENCE (Objective) CLASS-VIII, 2024 

## Answer Sheet No.

$\qquad$

## Signature of Candidate:

$\qquad$

## Signature of Invigilator:

$\qquad$

Time Allowed: 30-Minutes
Note: This paper consists of THREE Sections. Section - A needs to be solved on the Question Paper. Section - B \& C to be solved on the Answer Sheet. Cutting, erasing and overwritingis not allowed.

## SECTION-A (20 Marks)

## Q-1. Encircle the correct option. Each part carries equal marks.

i. In high rate of distortion in communication environment, which of the following communication media is most appropriate?
a) Coaxial Cable
b) Twisted Pair Cable
c) Fiber Optic Cable
d) TV Cable
ii. Which computer requests for the required services?
a) Client
b) Server
c) Hub
d) Wifi
iii. The connection of computers in a small geographical area is called?
a) MAN
b) WAN
c) LAN
d) PAN
iv. Who is responsible to provide the requested services to the clients?
a) Client
b) Server
c) Network
d) Hub
v. The basic unit of worksheet where you enter data in Excel is called a $\qquad$ ?
a) Cell
b) Table
c) Box
d) Column
vi. Which Microsoft Excel function is used to find the highest value in the given range?
a) SUM ()
b) AVERAGE ()
c) $\operatorname{MAX}()$
d) $\quad \mathrm{MIN}$ ()
vii. The law that protects the creative work is
a) internet privacy
b) copyright
c) Plagiarism
d) online safety
viii. Excel is used to prepare a
a) Presentation
b) Email
c) Spreadsheet
d) webpage
ix.Computers are able to solve problems by performing operations in $\qquad$
a) Nanoseconds
b) Minutes
c) Days
d) Weeks
$\qquad$
x . Repetition is construct that allows the steps of an algorithm to be multiple times?
a) Tested
b) executed
c) Implemented
d) counted
xi.Value of a constant can be?
a) based on condition
b) can be changed
c) depends upon situation
d) remain static
xii.Loop within a loop is called?
a) nested
b) $n e x t$
c) newest
d) narrow
xiii. Which is not a construct of programming language?
a) Sequence
b) Condition
c) Loop
d) Business
xiv. Ceiling () function always ___ a number?
a) round up
b) round down
c) cycle down
d) cycle up
xv . The law that protects creative work is?
a) Internet privacy
b) Copyright
c) Plagiarism
d) Online Safety
xvi. Which type of malware that spreads by inserting a copy of itself into another program or file?
a) Computer viruses
b) Worms
c) Spyware
d) Adware
xvii. Social media marketing is a type of $\qquad$ ?
a) Digital marketing
b) Traditional Marketing
c) Industrial Marketing
d) Telemarketing
xviii. Which one is not the element of marketing?
a) Product
b) Price
c) Promotion
d) Service
xix.Malware that transmits itself automatically over a network to infect other Computers are:
a) virus
b) worm
c) Spyware
d.) Adware
xx. Which of the following is noyt the payment method?
a) Debit card
b) credit card
c) Easy paisa
d) SEO

# COMPUTER SCIENCE <br> (Subjective) <br> CLASS-VIII, 2024 

## SECTION - B ( $4 \times 10=40$ ) Marks

Time Allowed: 2:30 Hours
Note: Attempt any TEN (10) parts of the following.

## Q.\#-2

i. Differentiate between LAN and WAN.
ii. Why distributed applications are used?
iii. Differentiate workbook and worksheet.
iv. Write down the purpose and syntax of $\operatorname{SUM}()$ and $\operatorname{MAX}()$ functions?
v. How efficiency of algorithms is measured?
vi. Demonstrate the main step to solve a problem.
vii. For the flowing code block a sprite will turn to 30 degree. How many click are required for a sprite to complete a full cycle?

viii. What is function in Python? Give example of any two functions.
ix. Why digital piracy is crime?
$x$. Write down two positive and two negative impact of social media.
xi. What is the difference between payment and transaction?
xii. Define four element of Marketing.
xiii. What is robotics? Also Define Machine learning.
xiv. Write down the uses of MS EXCEL

## SECTION - C (10x4=40) Marks

## Note: Answer any four questions from the following. ( $4 \times 10=40$ )

Qno 3. a)Define client server architecture. Give one real time example
b) What type of media is used in following?
(i) Television
(ii) Land line Phone connection
(v) cellular communication
(iv) TV remote
(v) Radio

Qno 4: Look at the following worksheet. Write the formula to calculate total mark.


QNo 5 a) Explain the main features of information processing model.
b) Write a psuedocode to check whether the input number is positive or less than 100.
QNo 6:a) Write a python code program for the following output.
b) Which block will move sprite ten step ahead when right key on keyboard is pressed
QNo 7: a) why we need cybercrime laws
b) Write down six online safety rule

Qno 8: a) Define digital marketing. What are its types? Write down the names of any two digital marketing tool
b) Write down any two advantages and disadvantages of digital marketing.


## GENERAL SCIENCE <br> CLASS-VIII, 2024

TABLE OF SPECIFICATION - 1

| Assessmen t objectives | $\begin{gathered} \text { Unit } \\ 1 \end{gathered}$ | Unit 2 | $\begin{gathered} \text { Unit } \\ 3 \end{gathered}$ | Unit 4 | Unit 5 | Unit 6 | Unit 7 | Unit 8 | Unit 9 | $\begin{gathered} \text { Unit } \\ 10 \end{gathered}$ | Unit 11 | $\begin{gathered} \text { Unit } \\ 12 \end{gathered}$ | Total Mark s | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| K Knowledge | Q. 2 <br> (ix) <br> Q. 1 <br> (1) | $\begin{aligned} & \text { Q. } 1 \\ & (21) \end{aligned}$ | Q. 1 <br> (2) <br> Q. 1 <br> (22) <br> Q. 6 <br> (a) | Q. 1 <br> (16) <br> Q. 2 <br> (xi) <br> Q. 6 <br> (b) | Q. 1 <br> (6) <br> Q. 1 <br> (23) <br> Q. 2 <br> (xii) | Q. 1 <br> (24) <br> Q. 1 <br> (27) <br> Q. 2 <br> (iii) <br> Q. 5 <br> (a) | Q. 1 <br> (7) <br> Q. 2 <br> (xiv) <br> Q. 7 <br> (a) |  | $\begin{aligned} & \text { Q. } 2 \\ & (v) \end{aligned}$ | $\begin{aligned} & \text { Q. } 1 \\ & (11) \end{aligned}$ | Q. 1 <br> (3) |  | 56 | $\begin{aligned} & 40 \\ & \% \end{aligned}$ |
| U <br> Understand ing | Q. 3 <br> (a) | Q. 3 <br> (b) | $\begin{aligned} & \mathrm{Q} .1 \\ & (26) \\ & \mathrm{Q} .2 . \\ & (\mathrm{x}) \end{aligned}$ |  | Q. 5 <br> (b) | $\begin{aligned} & \text { Q. } 1 \\ & (30) \\ & \text { Q. } 2 \\ & \text { (xiii) } \end{aligned}$ |  | Q. 1 <br> (25) <br> Q. 1 <br> (29) <br> Q. 2 <br> (xv) <br> Q. 4 <br> (a) | Q. 1 <br> (4) | Q. 2 <br> (i) <br> Q. 4 <br> (b) | Q. 1 <br> (28) <br> Q. 2 <br> (vii) | Q. 1 <br> (9) <br> Q. 2 <br> (viii) | 56 | $\begin{aligned} & 40 \\ & \% \end{aligned}$ |
| A <br> Application | $\begin{aligned} & \text { Q. } 1 \\ & \text { (17) } \end{aligned}$ | $\begin{aligned} & \text { Q. } 1 \\ & \text { (14) } \\ & \text { Q. } 2 \\ & \text { (ii) } \end{aligned}$ | $\begin{aligned} & \hline \text { Q. } 1 \\ & (13) \end{aligned}$ |  |  |  | $\begin{aligned} & \text { Q. } 1 \\ & (15) \\ & \text { Q. } 1 \\ & (20) \end{aligned}$ |  | Q. 1 <br> (8) <br> Q. 2 <br> (iv) <br> Q. 7 <br> (b) | $\begin{aligned} & \hline \text { Q. } 1 \\ & \text { (10) } \\ & \text { Q. } 2 \\ & \text { (vi) } \end{aligned}$ | $\begin{aligned} & \hline \text { Q. } 1 \\ & (12) \\ & \\ & \text { Q. } 1 \\ & (18) \end{aligned}$ | $\begin{aligned} & \text { Q. } 1 \\ & (5) \\ & \text { Q. } 1 \\ & (19) \end{aligned}$ | 28 | $\begin{aligned} & 20 \\ & \% \end{aligned}$ |
| Total Marks | 11 | 11 | 13 | 10 | 11 | 16 | 12 | 11 | 16 | 15 | 7 | 7 | 136 | $\begin{aligned} & \hline 10 \\ & 0 \% \end{aligned}$ |

TABLE OF SPECIFICATION - 2

| Assessment type | $\begin{aligned} & \text { Unit } \\ & \# 1 \end{aligned}$ | $\begin{aligned} & \text { Unit } \end{aligned}$ | Unit | $\begin{aligned} & \text { Unit } \\ & \# 4 \end{aligned}$ | $\begin{gathered} \text { Unit \# } \\ 5 \end{gathered}$ | $\begin{aligned} & \text { Unit \# } \\ & 6 \end{aligned}$ | $\begin{aligned} & \text { Unit \# } \\ & 7 \end{aligned}$ | $\begin{aligned} & \text { Unit \# } \\ & 8 \end{aligned}$ | $\begin{aligned} & \text { Unit } \\ & \end{aligned}$ | $\begin{aligned} & \text { Unit } \\ & \text { \# } 10 \end{aligned}$ | Unit \# $11$ | $\begin{aligned} & \text { Unit \# } \\ & 12 \end{aligned}$ | Total Marks | \%age |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unseen questions | Q. 1 <br> (17) <br> Q. 3 <br> (a) | $\begin{aligned} & \text { Q. } 2 \\ & \text { (2) } \end{aligned}$ | Q. 1 <br> (2) <br> Q. 1 <br> (13) <br> Q. 1 <br> (26) <br> Q. 2 <br> (10) | $\begin{aligned} & \hline \text { Q. } 1 \\ & (16) \end{aligned}$ | Q. 5 <br> (b) | $\begin{aligned} & \hline \text { Q. } 1 \\ & (27) \\ & \text { Q. } 2 \\ & (3) \\ & \\ & \text { Q. } 2 \\ & (13) \end{aligned}$ | $\begin{aligned} & \text { Q. } 1 \\ & (7) \\ & \\ & \text { Q. } 1 \\ & (15) \\ & \\ & \text { Q. } 1 \\ & (20) \end{aligned}$ | Q. 7 <br> (b) | Q1. <br> (28) <br> Q. 2 <br> (4) | $\begin{aligned} & \hline \text { Q. } 1 \\ & (11) \\ & \text { Q. } 2 \\ & (1) \\ & \text { Q. } 2 \\ & \text { (6) } \\ & \text { Q. } 4 \\ & \text { (b) } \end{aligned}$ | Q. 1 <br> (3) <br> Q1. <br> (18) <br> Q. 2 <br> (7) | $\begin{aligned} & \hline \text { Q. } 1 \\ & \text { (5) } \\ & \text { Q. } 1 \\ & \text { (19) } \end{aligned}$ | 68 | 50 \% |
| Textbook exercise based questions | Q. 1 <br> (1) <br> Q. 2 <br> (9) | Q. 1 <br> (14) <br> Q. 1 <br> (21) <br> Q. 3 <br> (b) | Q. 1 <br> (22) <br> Q. 6 <br> (a) | $\begin{aligned} & \hline \text { Q. } 2 \\ & (11) \end{aligned}$ | Q. 1 <br> (6) <br> Q. 1 <br> (23) <br> Q. 2 <br> (12) | Q. 1 <br> (24) <br> Q. 1 <br> (29) <br> Q. 5 <br> (a) | Q. 2 <br> (14) <br> Q. 7 <br> (a) | Q. 1 <br> (25) <br> Q. 1 <br> (30) <br> Q. 2 <br> (15) <br> Q. 4 <br> (a) | Q. 1 <br> (4) <br> Q. 1 <br> (8) <br> Q. 2 <br> (5) | $\begin{aligned} & \hline \text { Q. } 1 \\ & (10) \end{aligned}$ | $\begin{aligned} & \hline \text { Q. } 1 \\ & \text { (12) } \end{aligned}$ | $\begin{aligned} & \hline \text { Q. } 1 \\ & \text { (9) } \\ & \text { Q. } 2 \\ & \text { (8) } \end{aligned}$ | 68 | 50\% |
| Total Marks | 11 | 11 | 13 | 10 | 11 | 16 | 12 | 11 | 16 | 15 | 7 | 7 | 136 | 100\% |

# PAPER PATTERN <br> GENERAL SCIENCE <br> CLASS-VIII, 2024 

Time Allowed: 3 hours
Total Marks: 100
Note:

1. This paper consists of THREE sections. Section $A$ need to be solved on the question paper. Section B \& C to be solved on answer sheet. (Section A=30 marks, Section B=40 marks, Section $\mathrm{C}=30$ marks)
2. Time allowed for section $A$ is 30 minutes.
3. $50 \%$ of all types of questions are SLO based and $50 \%$ are textbook exercise based.
4. $40 \%$ questions are for assessing knowledge, $40 \%$ are for assessing understanding and $20 \%$ are application based questions.

## OBJECTIVE SECTION-A (30 Marks)

Q-1. Encircle the correct option. 30 MCQs of one mark each.

## SUBJECTIVE <br> SECTION - B (4×10=40 Marks)

Q. 2: Attempt any TEN (10) short questions out of fifteen short question.

Each short question is of 4 marks.

## SECTION - C (3×10=30 Marks)

Q.3: Answer any three long questions out of five long questions. Each long question has two parts i.e. part (a) and (b). Each long question is of 10 marks.

## FDE

Roll No.
SLO BASED MODEL PAPER
GENERAL SCIENCE (Objective)
CLASS-VIII, 2024
Answer Sheet No.

## Signature of Candidate:

$\qquad$
Signature of Invigilator: $\qquad$

Time Allowed: 40-Minutes
Note: This paper consists of FOUR Sections. Section-A needs to be solved on the Question Paper. Section - B, C \& D to be solved on the Answer Sheet. Cutting, erasing and overwritingis not allowed.

## SECTION-A (30 Marks)

## Q-1. Encircle the correct option. Each part carries equal marks.

1. The type of interactions in which both the members get benefit from each other is called:
a) Mutualism
(b) Predation
(c) Commensalism
(d) Competition
2. How many components are present in the basic unit of DNA?
a) One
(b) Two
(c) Three
(d) Four
3. Hubble telescope can point to which objects with amazing accuracy.
a) Far
(b) Celestial
(c) Spherical
(d) Irregular
4. The light passing from air to glass will cause the speed of light to:
a) Remains the same
(b) Increase
(c) Decrease
(d) Reduces to zero
5. If the mass of the star becomes equal to our sun, star will be converted into to:
a) Neutron star
(b) White dwarf
(c) Black hole
(d) Singularity
6. Which of the following is Halogen?
a) Magnesium
(b) Sodium
(c) Helium
(d) Fluorine
7. Acid tastes:
a) Sweet
(b) Bitter
(c) Sour
(d) Salty
8. A dentist uses a small dental mirror to help magnify teeth in your mouth. The mirror can be:
a) Concave mirror
(b) Convex mirror
(c) Plane mirror
(d) All of these
9. During star formation the stars are prevented to collapse under gravity by:
a) Black hole
(b) Other stars
(c) Mass of gases
(d) Nuclear reactions
10. The device that is used to protect a circuit against overload is called:
a) Heater
(b) Fuse
(c) Lamp
(d) Switch
11. An electric LED bulb might be rated as:
a) 17 W
(b) 13 W
(c) 19 W
(d) 12 W
12. For the making of toothpaste which of the following is NOT a component of toothpaste:
a) Glycerine
(b) Baking soda
(c) Sodium hydroxide
(d) Salt
13. In a constantly changing environment the survival of species depends on which factors:
a) More competition
(b) More variation
b) (c) Reduced number of genes
(d) Reduced population size
14. Following diagram is showing human brain. The labelled part 'a' in this figure is:

a) Mid brain
(b) Pons
(c) Spinal cord
(d) Cerebellum
15. Toothpaste contains an Alkali. Which of the following household item could be utilized as alkali to make toothpaste?
a) Vinegar
(b) Baking soda
(c) Glycerine
(d) Sugar
16. In order to prevent the break out of a disease the most useful method is:
a) Surgery
(b) Vaccination
(c) Organ transplant (d)
Radiotherapy
17. What would be the level/ role of snake in the following food chain?

Plant $\rightarrow$ Mouse $\rightarrow$ snake $\rightarrow$ owl
a) Producer
(b) Primary consumer (
(c) Secondary consumer
(d) Tertiary consumer
18. Which type of cookers are well suited for grilling:
a) Solar cookers
(b) Steel cooker
(c) Solar parabolic cooker
(d) All of these
19. What type of galaxy is our Milky way?
a) Spiral galaxy
(b) Elliptical galaxy
(c) Irregular galaxy
(d) Ellipsoidal galaxy
20. Which of the following acid is used to treat swelling due to wasp sting?
a) Sulphuric acid
(b) Mineral acid
(c) Vinegar
(d) Lemon juice
21. The basic unit of structure and function of nervous system is:
a) Nerve
(b) Brain
(c) Neuron
(d) Spinal cord
22. For each biological trait there is a:
a) Nucleotide
(b) Chromosome
(c) Cell
(d) Gene
23. Lithium is in the same group as:
a) Magnesium
(b) Sodium
(c) Calcium
(d) Carbon
24. Photosynthesis in green plants is:
a) Exothermic
(b) Endothermic
(c) Combustion
(d) Decomposition
25. With depth, pressure in a liquid:
a) Decreases
(b) Increases
(c) Remains same
(d) Becomes zero
26. The environmental actor which causes variations is:
a) Crossing over
(b) Mutation
(c) Oxygen
(d) Temperature
27. The bond which is formed by the mutual sharing of electrons between two atoms is called:
a) lonic bond
(b) Hydrogen bond
(c) Covalent bond
(d) Coordinate bond
28. Which type of mirror is used in the solar cooker?
a) Plane
(b) Convex
(c) Concave
(d) Flat
29. A toy floats in the bath tub. The buoyant force exerted on the toy depends on the volume of:
a) Water in the bath tub
(b) The bath tub
(c)The water displaced
(d) The toy under water
30. What happens when few drops of lodine solution are added to the starch solution?
a) Gas is emitted
(b) Precipitates are formed
b) Colour change occurs
(d) Bad Colour is

# SLO BASED MODEL PAPER <br> GENERAL SCIENCE <br> (Subjective) <br> CLASS-VIII, 2024 

## SECTION - B (4x10=40 Marks)

## Q. 2: Attempt any TEN (10) parts of the following.

i. Why do electric wire usually warm up when electric current passes through them?
ii. Predict what would happen if a nerve connection broke.
iii. Distinguish between exothermic and endothermic reactions.
iv. Investigate that light is made up of many colors.
v. What are the characteristics of image formed by plane mirror?
vi. During floor grinding and polishing in your house, the fuse blows when the operator starts his heavy machine. He wants to replace a fuse with a piece of wire. Would you agree? Give reasons for your response.
vii. Why it is better to use concave mirror rather than convex mirror in solar cooker?
viii. Why the sun will not become a black hole?
ix. What are the major causes of pollution?
$x$. How genetic characters are inherited?
xi. How biotechnology can transform the way of treating diseases?
xii. Write three properties that make gold suitable for making jewelry?
xiii. Balance the following equation.

(b) $\mathrm{KClO}_{3}$ Q $\mathrm{KCl}+\mathrm{O}_{2}$
(c) $\mathrm{N}_{2}+\mathrm{O}_{2}$ ? NO
(d) $\mathrm{CH}_{4}$ @ $\mathrm{CO}_{2}+\mathrm{H}_{2} \mathrm{O}$
xiv. Describe the pH scale. How pH scale helps in identification of acids, alkalis and salts?
xv . Why is atmospheric pressure greatest at the surface of the earth?

## SECTION - C (30 MARKS)

Note: Answer any three questions and draw diagram where necessary. ( $3 \times 10=30$ )
Q.3: (a) How does the increase in greenhouse gas emissions contribute to the rising of global warming?
(b) Describe the types and functions of neurons in transmitting messages through the body.
Q.4: (a) What is buoyancy. what determines the object to sink or float.
(b) How electromagnets are formed? Describe the properties that are unique to electromagnets.
Q.5: (a) Explain how an ionic bond is formed.
(b) What role does the group number play within the periodic table?
Q.6: (a) Describe the process of mitoses and identify its key phases.
(b) Explain how biotechnology can increase quantity and quality of food.
Q.7: (a) Differentiate between strong and weak acids with examples.
(b) Distinguish between reflection and refraction of light with daily life examples.


## MATHEMATICS VIII (MODEL PAPER)

Table of Specification

| $\begin{aligned} & \hline \text { Objectives } \\ & \text { / } \\ & \text { Contents } \end{aligned}$ | Knowledge |  |  | Understanding |  |  | Application |  |  | Total <br> Mark |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SRQ | ERQ | MCQs | SRQ | ERQ | MCQs | SRQ | $\begin{array}{\|c\|} \hline \text { ER } \\ \text { Q } \end{array}$ | $\begin{gathered} \mathrm{MCQ} \\ \mathrm{~s} \end{gathered}$ |  |
| 1.Real Numbers |  |  | 1(i) | 2(i) |  |  |  |  |  | 5 |
| 2.Estimation and Approximation |  |  | 1(ii) | 2(ii) |  |  |  |  |  | 5 |
| 3.Square Roots and Cube Roots |  |  | 1(iv) | 2(iii) | 5 | 1(iii) |  |  |  | 14 |
| 4.Financial Arithmatic |  |  | 1(v,vi) | 2(vi) | 4 |  |  |  |  | 14 |
| 5.Sets |  |  | 1(vii) | 2(iv) | 6 | 1(viii) |  |  |  | 14 |
| 6.Algebra and Sequence | 1(xi) |  |  | 2(vii,vii <br> i) | 3 | 1(ix, x ) |  |  |  | 18 |
| 7.Linear Equations and Inequalities |  |  |  | 2(xiii) |  | 1(xii) |  | 7 |  | 13 |
| 8.Transformatio ns |  |  | 1(xiii) |  |  |  |  | 8 |  | 9 |
| 9.Geometry | 2(ix) |  |  |  |  | 1(xiv) |  |  |  | 6 |
| 10.Practical Geometry |  |  | 1(xvi) |  |  | 1(xv) | 2(x) | 10 |  | 14 |
| 11.Mensuration | 2(xi) |  | 1(xviii) |  | 9 | 1(xvii) |  |  |  | 14 |
| 12.Data Handling | $\begin{gathered} 2(x i i \\ \hline \end{gathered}$ |  |  |  |  | 1(xix) |  | 11 |  | 13 |
| 13.Probability |  |  | 1(xx) | 2(v) | 12 |  |  |  |  | 13 |
| Total | 24 |  |  | 92 |  |  | 36 |  |  | 152 |
| \% age | 16\% |  |  | 60\% |  |  | 24\% |  |  | 100\% |

## PAPER PATTERN CLASS-VIII

## MATHEMATICS

SECTION-A OBJECTIVE(MARKS-20)

| PAPER PATTERN | MARKING SCHEME/GRIDLINE |
| :--- | :--- |
| This section Comprises of 20 MCQs from <br> Unit no.1-13 | 1-Mark will be awarded for correct answer. |

SECTION-B SUBJECTIVE (MARKS-32)

| PAPER PATTERN | MARKING SCHEME/GRIDLINE |
| :--- | :--- |
| This section is composed of 13 questions <br> having short answers. Students will attempt <br> 8 Questions from this section. Questions <br> have been taken from Unit No.1-13 | Each Question is of 4 Marks. Full Marks will <br> be awarded for correct answer. |

SECTION-C SUBJECTIVE (Marks-24)

| PAPER PATTERN | MARKING SCHEME/GRIDLINE |
| :--- | :--- |
| This section is composed of 5 questions. <br> Students will attempt 3 Questions from this <br> section. Questions have been taken from <br> Unit No.1-7 | Each Question is of 8 Marks. Full Marks will <br> be awarded for correct answer. |

## SECTION-D SUBJECTIVE (Marks-24)

| PAPER PATTERN | MARKING SCHEME/GRIDLINE |
| :--- | :--- |
| This section is composed of 5 questions. <br> Students will attempt 3 Questions from this <br> section. Questions have been taken from <br> Unit No. 8-13 | Each Question is of 8 Marks. Full Marks will <br> be awarded for correct answer. |

## FDE

Roll No.

Answer Sheet No.

## Signature of Candidate:

$\qquad$
Signature of Invigilator: $\qquad$

Time Allowed: 30-Minutes
Note: This paper consists of FOUR Sections. Section-A needs to be solved on the Question Paper. Section-B, C \& D to be solved on the Answer Sheet. Cutting, erasing and overwritingis not allowed.

## SECTION-A (20-MARKS)

Q.1.Encircle the correct option. Each question carries equal mark.
(i) Multiplicative inverse of ___ does not exists.
(a) 0
(b) 1
(c) -1
(d) 0.2
(ii) All zeros between non-zero numbers are always
(a) Non-significant
(b) significant
(c) both (a),(b)
(d) Finite
(iii) $\sqrt{1.44}$ is equal to
(a) 1.2
(b) 1.25
(c) 0.2
(d) 1.22
(iv) Cube root of $x$ can be written as
(a) $x^{2}$
(b) $x^{3}$
(c) $x^{1 / 2}$
(d) $x^{1 / 3}$
(v) If a deceased man has only one daughter .She will get of $\qquad$ property
(a) $\frac{1}{3}$
(b) $\frac{1}{2}$
(c) $\frac{2}{3}$
(d) $\frac{1}{6}$
(vi) The amount paid by the insurer in installments is called:
(a) Policy fee
(b) Depreciation
(c) premium
(d) charges
(vii) $\quad\{x: x \in A \wedge x \notin B\}=$ ?
(a) $\mathrm{A} \cup \mathrm{B}$
(b) $A \cap B$
(c) A-B
(d) $\mathrm{B}-\mathrm{A}$
(viii) $A=\{1,2,3\}$ and $B=\{2,4,6\}$ then $A U B=$ ?
(a) $\{1,2,3,4,6\}$
(b) $\{2\}$
(c) $\{1,2,3\}$
(d) $\{\mathbf{2 , 4 , 6}\}$
(ix) The simplified form of $(a+b)-(a-b)$ is:
(a) $4 a b$
(b) $2 a$
(c) $2 a+2 b$
(d) $2 b$
(x) $\quad 25 x^{2}-1=$ $\qquad$
(a) $(5 x+1)(5 x-1)$
(b) $(5 x-1)(5 x-1)$
(c) $(25 x-1)(25 x+1)$
(d) $(5 x+1)(5 x-1)$
(xi) $2^{14} \div 2^{10}=$
(a) $2^{4}$
(b) $\mathbf{2}^{-4}$
(c) $2^{10}$
(d) $2^{14}$
(xii) The point of intersection of $x=3$ and $y=4$ is
(a) $(\mathbf{3 , 0})$
(b) $(0,4)$
(c) $(3,4)$
(d) $(-3,-4)$
(xiii) The reflection of $(x, y)$ across $y$ axis is:
(a) $(x,-y)$
(b) $(-x, y)$
(c) $(x, y)$
(d) $(-x,-y)$
(xiv) Angle in semicircle is always
(a) $100^{\circ}$
(b) $150^{\circ}$
(c) $180^{\circ}$
(d) $90^{\circ}$
(xv) The angle bisector of an angle is a straight line that divides the angle in ___ equal parts
(a) four
(b) three
(c) two
(d) one
(xvi) $\quad \mathrm{ABCD}$ is a square with diagonal $\overline{A C}$.Measure of angle $A C B$ is
(a) $35^{\circ}$
(b) $40^{\circ}$
(c) $45^{\circ}$
(d) $50^{\circ}$
(xvii) The curved surface area of right circular cone of radius 3 cm and slant height 6 cm is $\qquad$
(a) $54 \pi$
(b) $9 \pi$
(c) $18 \pi$
(d) $6 \pi$
(xviii) Surface area of sphere is:
(a) $3 \pi r^{2}$
(b) $2 \pi r^{2}$
(c) $\pi r(r+l)$
(d) $4 \pi r^{2}$
(xix) What is the size of class interval (0-5)
(a) 6
(b) 5
(c) 4
(d) 3
(xx) The probability of an event is always from
(a) 0.5 to 1.5
(b) 0 to 1
(c) 0 to 2
(d) 1 to 2

## SLO BASED MODEL PAPER MATHEMATIC <br> (Subjective) <br> CLASS-VIII, 2024

Time Allowed: 2:30-hours

## SECTION-B (32- Marks)

Q.2. Attempt any Eight (8) parts from the following.

Each part carries equal marks.
(i) Solve the following

$$
|-7+2|-|5-9|+|-4|
$$

(ii) Estimate the answer to the calculation.

$$
69.37 \div 7.49
$$

(iii) Find cube root of following by prime factorization:

1728
(iv) $\quad$ Find $C-D$ and $D-C$. If $C=\{1,2,3,4\}, D=\{5,6,7,8\}$.

Represent the result through Venn diagram.
(v) A ball is drawn at random from a box containing some balls numbered 11, 12, 13, 14, 15, 16, 17, 18 find probability of drawing a ball with
(a) a prime number
(b) a composite number
(vi) $\quad 0$ men can repair 5 machines in two days how many machines are repaired by 8 men in three days.
(vii) Check whether $x-3$ is a factor $x^{2}-5 x+6$
(viii) Solve the multiple-step inequalities and show the solution on graph ( $x, y, m \in R$ )

$$
2 x+11<25
$$

(ix) Find the area of sector in a circle if central angle is $90^{\circ}$ and radius is 9 cm
( $x$ ) Construct a rhombus ABCD when its side is 4.2 cm and diagonal is 5.7 cm .
(xi) Find the length of unknown side of right angled triangle ABC when $\angle \mathrm{C}=\mathbf{9 0}^{\circ}$

$$
\mathrm{a}=?, \mathrm{~b}=12 \mathrm{~cm}, \mathrm{c}=13 \mathrm{~cm}
$$

(xii) Calculate the standard deviation of following five values

$$
5,6,11,13,9
$$

(xiii) Sum of two numbers is 35 and their difference is 13 . Find the numbers.

## SECTION-C (24-Marks)

Note: Attempt any Three (3) questions. Each question carries Eight marks. (3×8=24)
Q.3. (a) Factorize: $\quad x^{4}-8 x^{2} b+16 b^{4}$
(b) Find the indicated term $a_{1}=10, d=5$ find $a_{13}=$ ?
Q.4. A woman died leaving property worth Rs 148000 . Divide her property among 2 sons and husband. She wished in her life to give $10 \%$ of her property to the masjid.
Q.5. The area of a square photo frame is $250 \mathrm{~cm}^{2}$. Find the perimeter of the photo frame, leaving your answer corrects to 2 decimal place.
Q.6. Verify $(A \cup B)^{\boldsymbol{c}}=A^{\boldsymbol{c}} \cap B^{\boldsymbol{c}}$ for the following sets.
$U=\{x: x \epsilon W \wedge 0 \leq x \leq 20\}, A=\{x: x \epsilon E \wedge 0 \leq x \leq 20\}, B=\{x: x \epsilon 0 \wedge 1 \leq x \leq 19\}$
Q.7. Draw the graph of $2 x+y=6$

## SECTION-D (24-Marks)

Note: Attempt any Three (3) questions. Each question carries Eight marks.
Q. 8 On graph draw a $\triangle A B C$ with vertices: $A(-2,0), B(2,0), C(0,3)$ and its image $\Delta A^{\prime} B^{\prime} C^{\prime}$ when $\triangle A B C$ is reflected across $x-$ axis
Q. 9 Area of a curved surface of a cone is $198 \mathrm{~cm}^{2}$. Find volume of the cone if slant height is 9 cm .
Q.10. Construct the parallelogram when two diagonals are 5.8 cm and 4 cm long and angle between them is $45^{\circ}$.
Q.11. The goals scored by $\mathbf{3 0}$ football teams in a tournament are given below

| Number of goals $(x)$ | 0 | 1 | 2 | 3 | 4 | 5 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Number of teams $(f)$ | 4 | 6 | 9 | 5 | 4 | 2 |

Draw a histogram to represent the data.
Q.12. A pair of coin is tossed $\mathbf{4 0 0}$ times and outcomes are

| Outcomes | 2-Heads | 2-tails | 1-head and 1-tail |
| :--- | :--- | :--- | :--- |
| frequency | 105 | 120 | 175 |

What is the probability of getting?
(a) 2-heads
(b) at least one head


## FDE

| Roll No. |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Answer Sheet No. $\qquad$

## Signature of Candidate:

$\qquad$
Signature of Invigilator: $\qquad$

Time Allowed: 20-Minutes

## Note: This paper consists of THREE Sections. Section - A needs to be solved on the Question Paper. Section - B \& C to be solved on the Answer Sheet. Cutting, erasing and overwritingis not allowed.

## SECTION-A (15 Marks)

Q-1. Encircle the correct option. Each part carries equal marks.
i) War of Independence started from
(a) Meerut
(b) Kanpur
(c) Rangoon
(d) Delhi
ii) Ahmed Shah Abdali defeated the Marathas in the $\qquad$ battle of Panipat.
(a) First
(b) Second
(c) Third
(d) Fourth
iii) Mujaddid Alf Sani was born in $\qquad$ .
(a) 1545
(b) 1554
(c) 1564
(d) 1574
iv) The world War - 1 stared on 1914 and lasted for $\qquad$ .
(a) One year
(b) Two years
(c) Three years
(d) Four years
v) The Parliament consists of two houses $\qquad$ -.
(a) General Assembly and Senate
(b) National Assembly and senate
(c) Provincial Assembly and Senate
(d) General Assembly and Provincial Assembly
vi) Pakistan signed SEATO and CENTO agreements in.
(a) 1940
(b) 1950
(c) 1960
(d) 1970
vii) was the first President of Pakistan
(a) Zulfiqar Ali Butto
(b) Yahya Khan
(c) Muhammad Ayub Khan
(d) Iksander Mirza
viii) Lahore resolution was moved by
(a) Liaqat Ali Khan
(b) Fazlul Haq
(c) Quaid-e-Azam
(d) Sardar Abdur Rab Nishtar
ix) The total length of Line of Control is $\qquad$ -
(a) 720 km
(b) 730 km
(c) 740 km
(d) 750 km
x) was the Last Great Mughal Emperor:
(a) Shah Jahan
(b) Jahangir
(c) Babar
(d) Aurangzeb Alamgir
xi) The First constitution of Pakistan in 1956 introduced $\qquad$
(a) Parliamentary System
(b) Presidential System
(c) Monarchy
(d) Aristocracy
xii) Lucknow Pact was signed in year $\qquad$ .
(a) 1912
(b) 1914
(c) 1916
(d) 1918
xiii) is known as the 'Father of Two Nation Theory'.
(a) Quaid-e-Azam Muhammad Ali Jinnah
(b) Allama Muhammad Iqbal
(c) Moulana Muhammad Ali Johar
(d) Sir Syed Ahmed Khan
xiv) Syed Ahmed Barelvi died the $\qquad$ .
(a) 1830
(b)
(c)
1832
(d) 1834
xv) was the Captain of Pakistan's Cricket team in the 1992 World Cup.
(a) Wasim Akram
(b) Amir Sohail
(c) Imran Khan
(d) Javed Miandad

## SLO BASED MODEL PAPER <br> HISTORY <br> (Subjective) <br> CLASS-VIII, 2024

Time Allowed: 1 hours 40 minutes
Total Marks: $\mathbf{3 5}$

## SECTION - B (Subjective) (Marks-15)

Q.2: Attempt any Five (05) Questions.
i) What were the main reasons of the defeat of Siraj-ud-Daulah in the battle of Plassey?
ii) Describe the Key objectives of Brahmo Samajh?
iii) Do you think Nehru Report paved the way for the creation of Pakistan?
iv) What is the significance of objectives Resolution in the Constitutional History of Pakistan?
v) What are the fundamental Principles of Pakistan's Foreign Policy?
vi) Narrate few steps which were taken by P.T.I government for public welfare?
vii) Write a brief note on Indus Water Treaty?
viii) What do you think was the worst effect of Cold War?

## SECTION - C (Marks-20)

Q.3: Attempt any Two (02) Long Questions.
i) Write a detailed not on Judiciary of Pakistan?
ii) Do you find any example of bravery and resilience of Tipu Sultan in the modern age?
iii) Analyze the factors that led to Landmark victory of All India Muslim League in 1945-46 Elections.
iv) Write down the causes of War of 1971?
Q.4: Make a time line of Prime Minister of Pakistan from 1947 till 1977.
(1x6=6 Marks)


# SLO BASED MODEL PAPER \& PAPER PATTERN CLASS - VIII, 2024 

## GEOGRAPHY

1. SECTION-A :

Consists of 10 MCQs from the exercises of all seven chapters.
EachMCQwillcarryone mark. TOTALMARKS: $10 \times 1=\mathbf{1 0}$
SECTION-B :
Consists of 11 parts, out of which 8 parts are required to be attempted
This section comprises of brief /short questions of the exercises of all seven chapters.
Each part carries 3 marks.
TOTAL MARKS 8X3 =24
3. SECTION-C:

Consists of 4 detailed questions out of which 2 questions are required to be attempted.
This section comprises of questions from the exercises of all seven chapters.
8 marks of each long answer will be divided and marked separately if definitionand specific points are required.

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TOTAL MARKS:
2X8 =16
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## NOTE:

Papers setters can create maximum 2 MCQs and one short
question based on concepts.
Time allowed to attempt Section-A (objective) is 20 minutes.
Time allowed to attempt Section-B \& C (subjective) is 1 hrs and 40 min .


SLO BASED MODEL PAPER
GEOGRAPHY
(Objective)
Answer Sheet No. $\qquad$
Signature of Candidate: $\qquad$ CLASS-VIII, 2024
Signature of Invigilator: $\qquad$

Time Allowed: 20-Minutes
Note: This paper consists of THREE Sections. Section - A needs to be solved on the Question Paper. Section - B \& C to be solved on the Answer Sheet. Cutting, erasing and overwriting is not allowed.

## SECTION-A (OBJECTIVE)

(10-Marks)

## Q.No. 1 Select the correct answer:

i. A piece of land surrounded by water on all sides is called.
a) A Gulf
b) ABay
c) An Island
d) A Peninsula
ii. Agradual increase in averageglobaltemperature iscalled $\qquad$ .
a) A weather
b) global warming
c) climate
d) climate change
iii. Scientists discovered the ozone hole in $\qquad$ .
a) 1985
b) 1965
C) 1975
d) 1955
iv. Major cause of water pollution is
a) Chemicals b)Oil spillage c)Sewerage d)all of three options
v. Urbanization is the growth and development of.
a) Cities
b) Towns
c) Villages
d) hamlet
vi. A region located between tropic of Cancer and tropic $f$ Capricorn is known as $\qquad$ .
a) Tropicalregion
b) Temperate region
c)Polar region
d) Equatorial region
vii. Which of the sea port handles about 60\% of Pakistan's cargo deals?
a) PortQasim
b) Port Gawader
c) Portof Karachi
d) Port of Pasni
viii. Most of the people in the world lived in $\qquad$ countries.
a) Developed
b) Developing
c) Industrialized
d) Under-developed
ix. High inflationis $\qquad$ for economic development?
a) Good
b) Neutral
c) Terrible
d) Bad
x. The largest ocean in the world is named as.
a) Pacific Ocean
b) Atlantic Ocean
c) Indian Ocean
d) Arctic Ocean

## SLO BASED MODEL PAPER

## GEOGRAPHY

## CLASS - VIII, 2024

## SECTION-B (SUBJECTIVE) (Marks-24)

Total time: 1-hrs 40min
Total marks:40
Q.2: Attempt any EIGHT questions from this section. Each question carries 3 marks: ( $8 \times 3=24$ )
(i) Write names of three major seas of world.
(ii) What is meant by extreme weather? Give two examples.
(iii) Suggest three remedies to avoid noise pollution.
(iv) Define global warming.
(v) Name three industries of Pakistan.
(vi) What is meant by large-scale industry?
(vii) Write any three long term benefits of CPEC.
(viii) What is the difference between GDP and GNP?
(ix) What are consequences of wealth inequality? Write three sentences.
(x) What are the strengths of transport infrastructure in Pakistan?
(xi) Explain the importance of oceans in our life.

## SECTION-C (Marks-16)

Note: Attempt any TWO questions from this section. Each question carries 8 marks.
(2x8=16)
Q.3.What are the main causes of climate change?
Q.4. Explain the links between industrialization and urbanization.
Q.5. Classify the economic activities with examples.
Q.6. What responsibilities do individuals have to protect natural resources?


## TABLE OF SPECIFICATIONS

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| Assesment Objectives | ***) |  |  <br> زبإنشاّا |  <br> اتخـاناورنتقي |  وبهارتحيات | كزفْ | فيص |
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حصه سوم (كل نمبر 33 )
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صصه اول (معروضى ) (كل نمبر40)
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## اخلا قِّات <br> حصه د وم (موضوعى ) (كل نمبر60)


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## حصه سوم (كل نمبر18)

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