

CLASS 9 | SESSION 2026-27
Total Questions : 50 Time : 1 hr.
PATTERN & MARKING SCHEME

Section	No. of Questions	Marks per Ques.	Total Marks
(1) Logical Reasoning	15	1	15
(2) Subject Reasoning	20	1	20
(3) Everyday Application	10	1	10
(4) Achievers Section	5	3	15
Total	50	--	60

SYLLABUS

- Section 1** Verbal and Non-Verbal Reasoning.
- Section 2** Core Cyber concepts and their applications.
- Section 3** Everyday application of Cyber.
- Section 4** Higher Order Thinking Skills (HOTS) questions.

HOW TO USE THIS PAPER

- Every question is followed immediately by its answer.
- Try each question on your own first, then check the green answer card.
- Use the answer key at a glance on the last page for a quick revision.

TEST DAY INSTRUCTIONS

- The paper has 50 questions carrying a total of 60 marks.
- All questions are compulsory and there is no negative marking.
- Duration is 1 hour - aim for about 60 seconds per question.
- Read every question carefully before choosing your option.

SCORING STRATEGY

- Attempt the Logical Reasoning section first - it is the quickest to score.
- Take the 3-mark Achievers questions after finishing the 1-mark questions.
- Revisit every skipped question during the last ten minutes.

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QUESTION 1

Logical Reasoning · Logical Reasoning

1. Select a figure from the options which is exactly embedded in the given figure as one of its parts.



ANSWER & STEP-BY-STEP EXPLANATION

Correct: (C)

- Identify the underlying pattern and concepts under Series completion & logical deduction.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

QUESTION 2

Logical Reasoning · Computers & IT

2. Find the number of triangles formed in the given figure.

(A) 18

(B) 19

(C) 20

(D) More than 20



ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under Hardware, CPU architecture & memory units.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

QUESTION 3

Logical Reasoning · Computers & IT

3. There is a certain relationship between the pair of terms on the either side of :: Identify the relationship between the given pair and find the missing term.

HWTK : SRGF :: PSEN : ?

(A) KNVI

(B) KIVM

(C) KXJI

(D) KNVJ

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Operating Systems & Windows management.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 4

Computer Science · Computers & IT

4. Which of the following options can be included in the multimedia?

(i) Text

(ii) Sound

(iii) Animation

(iv) Videos

(v) Graphics

(A) (i), (iii) and (v) only

(B) (ii), (iii) and (iv) only

(C) (ii), (iv) and (v) only

(D) (i), (ii), (iii), (iv) and (v)

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under MS Office suite: Word, Excel & PowerPoint.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

QUESTION 5

Computer Science · Computers & IT

5. Identify the following networking device.
- The main function of this device is to regenerate an incoming signal from the sender before transmitting it to the receiver.
 - It can extend the range of the network by boosting the signal and reducing the error and loss of data.
- (A) Repeater (B) Bridge (C) Switch (D) Router

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Networking, Internet protocols & Web browsers.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 6

Computer Science · Computers & IT

6. What would be the output of the following Python program?

```
X = 8
X = "Computer Science"
print (X)
```

- (A) 8 Computer (B) Computer Science
(C) 8, ComputerScience (D) 8

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (B)

- Identify the underlying pattern and concepts under Cybersecurity, malware & data protection.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 7

Computer Science · Computers & IT

7. Identify the following .
- It is an online, cloud-based photo storage system released by Google in 2015.
 - It allows users to upload photos and videos that can be accessed and edited on multiple platforms using a Google account.

- (A)  (B)  (C)  (D) 

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (B)

- Identify the underlying pattern and concepts under Programming concepts, HTML & Algorithms.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 8

Computer Science · Computers & IT

8. In AI, _____ are loosely modelled after how neurons in the human brain behave and they are able to extract data features automatically without needing the input of the programmer.
- (A) Neural networks (B) Problem scoping
(C) Data exploration (D) Data acquisition

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Emerging technologies & cloud computing.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 9

Achievers Section · Achievers Section

9. Identify the following:
- It acts as an entry node for other network nodes.
 - It connects two dissimilar networks.
 - It is also called as a proxy server.
- (A) Router (B) Bridge (C) Gateway (D) Switch

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (C)

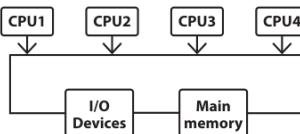
- Identify the underlying pattern and concepts under HOTS: Advanced IT system troubleshooting.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

QUESTION 10

Achievers Section · Achievers Section

10. Select the incorrect statement about the type of operating system whose diagram is depicted in the given image.

- (A) If one processor fails in such OS, then execution of processes can be done with another processor.
- (B) Such OS increases the throughput of the system.
- (C) Computers installed with such kind of OS, runs very slow.
- (D) UNIX and LINUX are examples of such OS.



ANSWER & STEP-BY-STEP EXPLANATION

Correct: (C)

- Identify the underlying pattern and concepts under HOTS: Complex algorithm & code analysis.
- Applying the principles of Cyber for Class 9, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

ANSWER KEY AT A GLANCE

Q1
(C)

Q2
(D)

Q3
(A)

Q4
(D)

Q5
(A)

Q6
(B)

Q7
(B)

Q8
(A)

Q9
(C)

Q10
(C)

REVISION NOTES

- Attempt the section you are strongest in first - it is the quickest to score.
- Aim for about 60 seconds per question and keep an eye on the clock.
- Re-read the question before choosing an option; watch for 'NOT' and 'EXCEPT'.
- Skip and mark anything you are unsure of, then revisit it in the last ten minutes.
- Practise chapter-wise to build both speed and accuracy before the exam.

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