UNICUS OLYMPIADS

Sample Paper
(2020-21)

Class 8

Unicus Critical Thinking Olympiad

Section – Class* *Syllabus covered	Total Questions	Marks per Questions	Total Questions
Classic Section – Class 7	28	1	28
Classic Section – Class 6	12	1	12
Scholar Section – Class 7	7	2	14
Scholar Section – Class 6	3	2	6
Grand Total	**50**		**60**

1. In a certain code, PLANT is written as OKZGM, SLEEP is written as SHVKV, then how will ROADS be written in that code?

   a) LZIHW
   b) LHZIW
   c) LIZHW
   d) RIZWH

   Correct Answer: c   *1 Mark*

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2. Punit started walking towards west from point P and after walking 6 metres, he reached point Q from where he turned left and walked 2 metres ahead to reach point S. What is the shortest distance between point R and S if it is given that point R is 4 metres to the north of point Q?
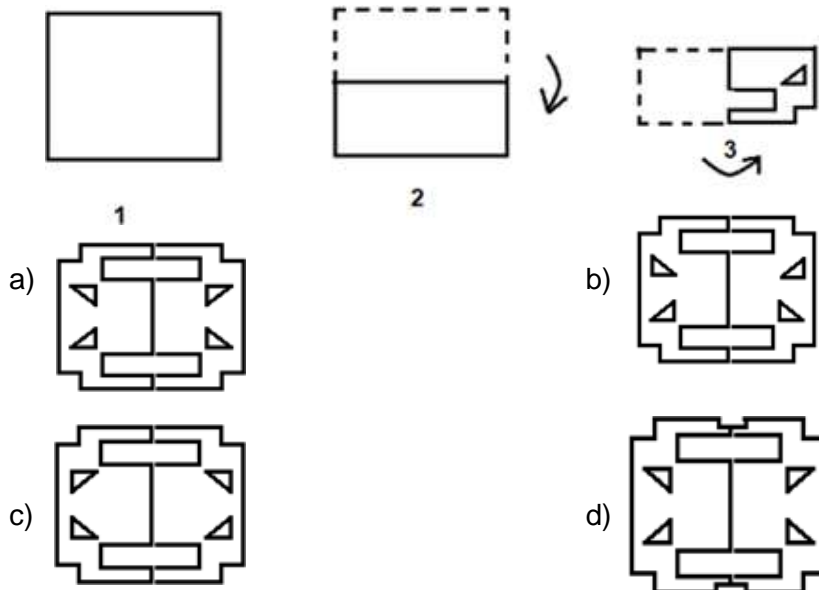   a) 3 metres
   b) 5 metres
   c) 6 metres
   d) 4 metres

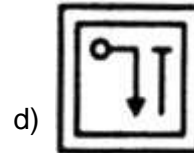   **Correct Answer: c**   *1 Mark*
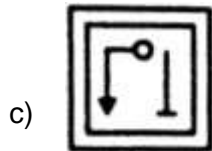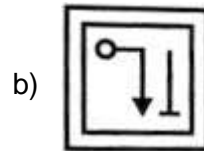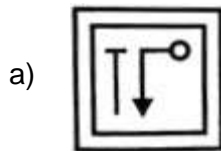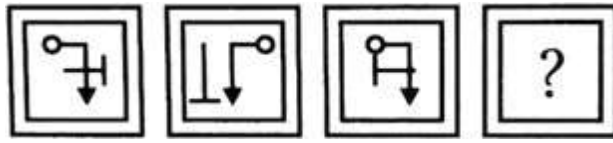
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3. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

   Correct Answer: c   *1 Mark*

4. Find the missing figure from the given responses:

a)   b)

c)   d)

Correct Answer: a   *1 Mark*

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5. In a code language SINGER is written as AIBCED. How can GINGER be written in the same code?

a) CBIECD   b) CIBCED
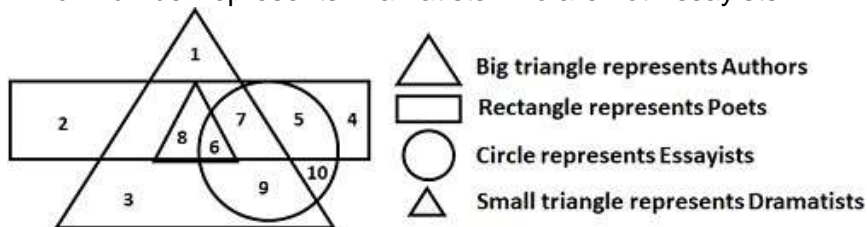c) CBICED   d) CIBECD

Correct Answer: b   *1 Mark*

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6. Study the figure carefully and answer the question:

Which number represents Dramatists who are not Essayists?

△ Big triangle represents Authors
▭ Rectangle represents Poets
◯ Circle represents Essayists
△ Small triangle represents Dramatists

a) 8   b) 7
c) 5   d) 1

Correct Answer: a   *1 Mark*

7. Read the following information carefully to answer the question that follows:
I.   'P + Q' means P is the father of Q.
II. 'P - Q' means P is the mother of Q.
III. 'P x Q' means P is the brother of Q.
IV. 'P ÷ Q' means P is the sister of Q

Which of the following means 'H' is paternal grandfather of T?

a) H + J + T   b) T x J + H
c) H + J x T   d) H - J + T

Correct Answer: a

1 Mark

8. In the question below, a statement is given followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the assumptions and decide which of the assumption(s) is/are implicit in the statement:

Statement- Unemployed allowance should be given to all unemployed Indian youths above 18 years of age.

Assumptions
I. There are unemployed youths in India who need monetary support.
II. The Government has sufficient funds to provide allowance to all the unemployed youth.

a) Only Assumption I is implicit   b) Only Assumption II is implicit
c) Only Assumption II is implicit   d) Neither I nor II Is implicit

Correct Answer: a   *1 Mark*

9. In this question, relationship between different elements is shown in the statements. The statement is followed by two conclusions. Study the conclusions based on the given statement and select the appropriate answer.

Statements $K > I \geq T \geq E$; $O < R < K$
Conclusions I. $R < E$ II. $O < T$

a) Neither Conclusion I nor II follows   b) Both Conclusion I and II follows
c) Only Conclusion II follows   d) Either Conclusion I or II follows

Correct Answer: a   *2 Marks*

10. Which of the following will be the correct mirror image of the given figure, when the mirror is placed vertically?

Paint79

a) 97tniaP

b) 9sintⱭ

c) 9Ttnis9

d) 6Ɑtnis9

Correct Answer: d   *2 Marks*