



Total Questions : 50

Time : 1 hr.

PATTERN & MARKING SCHEME			
Section	(1) Logical Reasoning	(2) Science	(3) Achievers Section
No. of Questions	10	35	5
Marks per Ques.	1	1	3



Scan the QR code
for more details

SYLLABUS

Section – 1 : Verbal and Non-Verbal Reasoning.

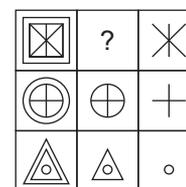
Section – 2 : Motion and Measurement of Distances, Light, Shadows and Reflections, Electricity and Circuits, Fun with Magnets, Air Around Us, Sorting Materials into Groups, Separation of Substances, The World of Living (Characteristics of Living Beings, Parts of Plants, Body Movements in Animals and Adaptation), Components of Food.

Section – 3 : Higher Order Thinking Questions - Syllabus as per Section – 2.

LOGICAL REASONING

- X is to the South-West of Y, L is to the East of X and South-East of Y and M is to the North of L in a line with XY. In which direction of Y is M located?
(A) South
(B) South-West
(C) North
(D) North-East

- +
- ⊗
- ⊗
- ⊗



- Which of the following figures will complete the given figure matrix?

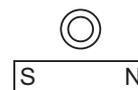
- If all the vowels are removed from the series given below, then which of the following is ninth to the right of twelfth letter from the right end?
Q E E E F E B U L A M C D I P Q O R R R A P P W I
(A) R (B) W
(C) I (D) P

SCIENCE

- Read the following passage carefully.
P is found abundantly in cod liver oil and is important for visual efficiency. *Q* is sourced from amla, tomato and citrus fruits and its deficiency may cause wounds to take longer time for healing. *R* is formed in our body in presence of sunlight and its deficiency in toddlers may cause deformity of legs.
Now select the incorrect option regarding this.
(A) *P* can be found in spinach but not *R*.
(B) In absence of *R* our body will show calcium deficiency even if it is abundant in our food.
(C) *Q* is also called B-complex as many of its varieties are available.
(D) *P* cannot be dissolved in water.

- Which of the following joints is present between thigh bone and shin bone?
(A) Hinge joint
(B) Pivot joint
(C) Fixed joint
(D) Ball and socket joint

- A small compass is placed beside the middle of a bar magnet.



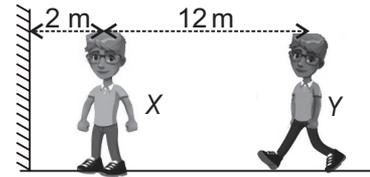
- In which direction will the compass needle point?
- ↶
 - ↷
 - ↷
 - ↶

7. Three glasses *P*, *Q* and *R* having equal amount of water were taken and equal amount of salt was added to each one of them. After that, *P* was cooled, *Q* was heated and *R* was left undisturbed. Water in which glass will now taste most salty?



- (A) *P*
 (B) *Q*
 (C) *R*
 (D) All will taste the same.

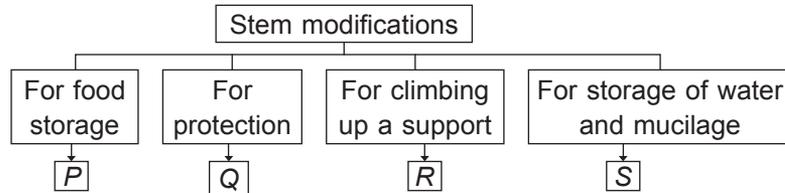
8. Two boys are standing in front of a plane mirror as shown in the given figure. If boy *Y* walks 5 m towards boy *X*, then how far away would boy *Y* appear to be in the mirror to boy *X*?



- (A) 9 m
 (B) 10 m
 (C) 11 m
 (D) 14 m

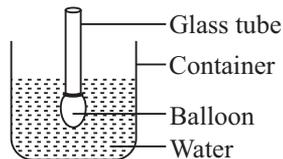
ACHIEVERS SECTION

9. Study the given classification chart and identify plants *P*, *Q*, *R* and *S*.



- | <i>P</i> | <i>Q</i> | <i>R</i> | <i>S</i> |
|----------------------|----------------------|-------------------|----------------|
| (A) <i>Dahlia</i> | <i>Barberry</i> | <i>Gloriosa</i> | <i>Aloe</i> |
| (B) <i>Zamikand</i> | <i>Bougainvillea</i> | <i>Grapevine</i> | <i>Opuntia</i> |
| (C) <i>Asparagus</i> | <i>Citrus</i> | <i>Pea</i> | <i>Aloe</i> |
| (D) <i>Ipomoea</i> | <i>Rose</i> | <i>Nasturtium</i> | <i>Opuntia</i> |

10. A balloon attached to a hollow glass tube was submerged in a container of water as shown here. Rohan placed his mouth over the open end of the glass tube and blew air into it. He observed that the water level in the container rose. This experiment tells us that air _____.



- (i) has mass
 (ii) occupies space
 (iii) has a definite volume
 (iv) can be compressed
 (A) (i), (ii) and (iv) only
 (B) (ii) and (iii) only
 (C) (i) and (ii) only
 (D) (ii) only

SPACE FOR ROUGH WORK

ANSWERS

- NSO – 1. (D) 2. (D) 3. (D) 4. (C) 5. (A) 6. (D) 7. (B) 8. (C) 9. (B) 10. (C)