

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

SYLLABUS

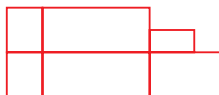
Section – 1 : Patterns, Analogy and Classification, Geometrical Shapes, Mirror and Water Images, Direction Sense Test, Ranking Test, Alphabet Test, Logical Sequence of Words, Puzzle Test, Coding-Decoding, Clock and Calendar.

Section – 2 : Animals, Human Body and Health, Plants, Natural Resources and Indian Heritage, Pollution and Calamities, Earth and Universe, Matter and Materials, Force and Energy.

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

LOGICAL REASONING

- In a certain code language, if 'DETAIL' is coded as 'EDTALI', then how will 'OBJECT' be coded in the same code language?
(A) BOEJTC (B) BOJETC (C) PCJEDU (D) BJOTCE
- Find the number of rectangles formed in the given figure.



- (A) 10 (B) 11 (C) 12 (D) More than 12
- There is a certain relationship between the pair of terms on the either side of ::. Identify the relationship in the right pair and find the missing term.
SIT : ? :: MUD : LSA
(A) RGQ (B) TKW (C) RKQ (D) TGS

SCIENCE

- Read the given statements regarding an animal X and select the option that correctly identifies it.
 - It has flippers.
 - It has lungs for breathing.
 - It has webbed feet.
 (A) Polar bear (B) Penguin (C) Seahorse (D) Eel

5. Complete the given analogy by selecting the correct option.

Rickets : Vitamin D :: _____ : Vitamin B₁

- (A) Beriberi (B) Scurvy (C) Night-blindness (D) Anaemia
6. Seeds of which of the following plants is dispersed by animals?
 (A) Milkweed (B) *Xanthium* (C) Cattail (D) Balsam
7. Refer to the given relationship and select the option that satisfies the same relationship.



- (A) Steering wheel : Crowbar : Knife (B) Nutcracker : Razor blade : Ramp
 (C) Tongs : Screw : Children slide (D) Wheel barrow : Tweezers : Scissors
8. Which among the following is the classical dance form of Andhra Pradesh?
 (A) Bharatanatyam (B) Odissi (C) Kathakali (D) Kuchipudi

ACHIEVERS SECTION

9. Read the given statements and select the option that correctly identifies them as true (T) and false (F) ones.
- (i) Burning coal is an example of conversion of chemical energy into heat energy.
 (ii) When we swim in a swimming pool, buoyant force acts on our body.
 (iii) When an object vibrates, light energy is produced, which travels in a straight line.
 (iv) If an electric bulb is lit in vacuum, no light rays can be seen.

(i)	(ii)	(iii)	(iv)
(A) T	F	T	F
(B) F	F	T	T
(C) T	T	T	F
(D) T	T	F	F

10. Unscramble the letters given in column I, match them with column II and select the correct option from the given codes.

Column I (Hindi names of planet)	Column II (Feature of planet)
(i) HASKUR	(a) Takes around 12 years to revolve around the Sun
(ii) RIHIPTV	(b) Does not have any natural satellite
(iii) RAABTSIIPH	(c) About 70% of its surface is covered with water
(iv) UVNRA	(d) Takes around 165 years to revolve around the Sun
(A) (i)-(d), (ii)-(b), (iii)-(a), (iv)-(c)	(B) (i)-(b), (ii)-(c), (iii)-(d), (iv)-(a)
(C) (i)-(a), (ii)-(b), (iii)-(c), (iv)-(d)	(D) (i)-(b), (ii)-(c), (iii)-(a), (iv)-(d)

ANSWER KEY

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