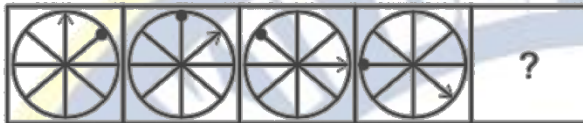


Q.1 Choose the correct figure which replace the question mark ?



Q.2 Choose the correct figure which will replace the question mark ?



Q.3 Study the following pattern and select the figure that relates to the third figure in the same way that the second figure relates to the first figure :-

Problem figures

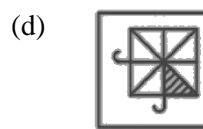
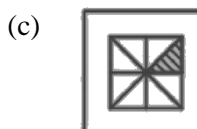


Answer figures



- (a) A (b) D
(c) B (d) C

Q.4 Choose the correct figure will replace the question mark ?

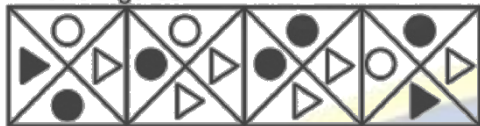


Q.5 Select the answer figure that will come next in the given problem figure series.

Problem figures



Answer figures



- (a) C
- (b) A
- (c) B
- (d) D

Q.6 For a standard clock, what is the angle between hour hand and the minute hand when the clock shows 9:30am ?

- (a) 250°
- (b) 105°
- (c) 150°
- (d) 165°

Q.7 Select the term that relates to the third term in the same way that the second term relates to the first term.
3 : 24 :: 5 : ?

- (a) 125
- (b) 120
- (c) 127
- (d) 130

Q.8 In a certain code language CLOCK is written as LCOKC. How will BLACK be written as in that language ?

- (a) CKABL
- (b) KCALB
- (c) LCAKB
- (d) LBAKC

Q.9 What day of the week was 2 October, 1869 ?

- (a) Thursday
- (b) Friday
- (c) Saturday
- (d) Sunday

Q.10 Find the missing number in the given figure.

5	7	4	34
7	6	5	38
9	7	?	46
3	6	8	36

- (a) 4
- (b) 6
- (c) 8
- (d) 5

Q.11 Direction : Study the information carefully and answer the given questions.

Teacher, Student, Banker, Lawyer, Principal, Accountant, Engineer and Soldier are sitting around a circular table facing center. Lawyer sits exactly between Accountant and Engineer. Teacher sits four places away from Accountant. Student does not sit adjacent to Accountant, Teacher and Lawyer. Banker sits three places away from Teacher.

Who sits third to the right of Banker ?

- (a) Teacher
- (b) Accountant
- (c) Principal
- (d) Engineer

Q.12 Find the wrong term in the given series :-

2, 3, 6, 10, 18, 27

- (a) 10
- (b) 18
- (c) 6
- (d) 2

- Q.13** Pointing to Kanchan, Rohit says, 'She is my brother's mother's daughter'. How is Kanchan related to Rohit ?
- (a) Mother (b) Sister
(c) Daughter (d) Wife
- Q.14** In a row of people, the position of A from the left side is 11th and the position of B from the right side is 12th. C is sitting midway between B and A. Also, the position of C from the right of the row is 18th. Find the total no. of persons in the row.
- (a) 36 (b) 34
(c) 30 (d) 33
- Q.15** There are five friends – S, K, M, A and R, S is shorter than K but taller than R. M is the tallest. A is a little shorter than K and little taller than S. Who has two persons taller and two persons shorter than him ?
- (a) A (b) K
(c) R (d) S
- Q.16** Find the value of $\cot 1^\circ \cdot \cot 2^\circ \cdot \cot 3^\circ \dots \cot 89^\circ$.
- (a) 0 (b) 1
(c) 2 (d) $\frac{1}{2}$
- Q.17** The average marks scored by boys in a class is 72. The average marks of class is 77 and there are total 40 students in the class. If number of girls in class is 25 then find the average marks of girls in class.
- (a) 78 (b) 80
(c) 82 (d) 84
- Q.18** Area of square $\frac{3}{5}$ th of area of rectangle. If sides of rectangle are 9 cm and 15 cm, then find the perimeter of the square.
- (a) 9 cm (b) 18 cm
(c) 36 cm (d) 81 cm
- Q.19** $\frac{(3.75^2+1.25^2+3.75 \times 2.5)}{(3.75+1.25)} = ?$
- (a) 2.5 (b) 5
(c) 25 (d) 1
- Q.20** If $0.25x = 0.75y$, then find the value of $\frac{(x+y)}{(x-y)}$.
- (a) 0 (b) 1
(c) 2 (d) 4
- Q.21** Change 5.6 into percentage form.
- (a) 56% (b) 560%
(c) 0.056% (d) 0.56%
- Q.22** Find HCF and LCM of 28 & 42.
- (a) 84, 14 (b) 14, 42
(c) 14, 84 (d) 42, 14
- Q.23** 5 kg honey contains 60% sugar. If 3 kg more sugar is added to it then find new sugar percentage.
- (a) 70% (b) 75%
(c) 80% (d) 90%
- Q.24** Who is known as the father of modern computer ?
- (a) Charles Babbage (b) Howard Aiken
(c) John Von Neumann (d) Alan Turing

- Q.25** Which female athlete is nicknamed as 'Dhing Express' after her village's name ?
- (a) Hima Das (b) Mary Kom
(c) M. R. Poovamma (d) Sarita Gayakwad
- Q.26** Suez canal connects
- (a) Mediterranean Sea – Atlantic Ocean (b) Red Sea – Arab Sea
(c) Mediterranean Sea – Red Sea (d) Mediterranean Sea – Arab Sea
- Q.27** When is the International Literacy Day celebrated ?
- (a) 5 September (b) 6 September
(c) 7 September (d) 8 September
- Q.28** First Indian Airforce Heritage Center :-
- (a) Assam (b) Chandigarh
(c) Manipur (d) Hyderabad
- Q.29** Under which list the subject public health and sanitation comes ?
- (a) Union List (b) State List
(c) Concurrent List (d) All of the above
- Q.30** Which among the following is the national capital of Nepal ?
- (a) Kathmandu (b) Patan
(c) Janakpur (d) Biratpur
- Q.31** Select the most appropriate antonym of the given word.
VIGILANT
- (a) visible (b) elusive
(c) careless (d) careful
- Q.32** Direction ; Find the correct synonym of the given word
AFRAID
- (a) brave (b) scared
(c) calm (d) happy
- Q.33** Out of all alternatives given, select the word which closely fits the given definition
Place where leather is produced and processed
- (a) Studio (b) Tannery
(c) Treasury (d) Wardrobe
- Q.34** Choose the one word which can be substituted for given group of words :
A person who studies the influence of heavenly bodies on human beings.
- (a) Astronomer (b) Astrologer
(c) Ambassador (d) Chauffeur
- Q.35** Direction : Choose the correctly spelt word from the given option.
- (a) Unecessary (b) Unnecessary
(c) Unnecassary (d) Unnecassary
- Q.36** Direction : Choose the correctly spelt word.
- (a) Pleasent (b) Pliesant
(c) Plisaent (d) Pleasant

Directions: Given below is a short passage followed by some items based on the passage. First read the passage and answer the item based on it. You are required to select your answers based on the contents of the passage and the opinion of the author only.

Nearly every night out lives, we undergo a startling metamorphosis. Our brain profoundly alters its behaviour and purpose, dimming our consciousness. For a while, we become almost entirely paralyzed. We can't even **shiver**. Our eyes, however, periodically dart about behind closed lids as if seeing, and the tiny muscles in our middle ear, even in silence, move as though hearing. We are stimulated, men and women both, repeatedly. We sometimes believe we can fly. We approach the frontiers of death. We sleep, Around 350 B.C., Aristotle wrote an essay, "On Sleep and Sleeplessness," wondering just what we were doing and why. For the next 2,300 years, no one had a good answer. In 1924 German psychiatrist Hans Berger invented the electroencephalograph, which records electrical activity in the brain, and the study of sleep shifted from philosophy to science.

- Q.37** How does our brain dim our consciousness ?
 (a) by sleeping
 (b) by exercising a lot
 (c) by extremely changing its behaviour
 (d) by using modern techniques
- Q.38** What was/were recorded by electroencephalograph ?
 (a) all the magnetic activities in our brain
 (b) shivering of our body
 (c) all the electrical activities in our brain
 (d) sensitivity of our body
- Q.39** The most suitable title of the passage would be :
 (a) Your body's asleep, but your Mind is wide awake
 (b) Types of dreams
 (c) What decides the nature of our dream
 (d) How to overcome sleeplessness
- Q.40** Which of the following words could replace the word 'shiver' as used in the passage ?
 (a) shake (b) cross
 (c) shift (d) finish
- Q.41** **Direction :** In the following question, parts of a sentence have been jumbled and labelled as P, Q, R and S. You are required to rearrange the jumbled parts of the sentence and mark your response accordingly by selecting the correct option.
- P. The Americal Electrical Power Plant in Conesville, Ohio
 Q. Burned its last ton
 R. Of coal in April 2020
 S. After helping to keep lights on in Ohio for 63 years
- (a) P R Q S (b) P S Q R
 (c) P Q R S (d) P Q S R
- Q.42** He was accused _____ theft.
 (a) with (b) of
 (c) for (d) at
- Q.43** In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select No error.
- A lot of students was absent today. No error
- (a) (b) (c) (d)

Q.44 Choose the correct preposition

He was _____ me in the queue.

- (a) behind (b) inside
(c) about (d) from

Q.45 Direction : Fill in the blanks with the correct word from the given options.

I have been waiting for you _____ seven'o clock.

- (a) at (b) for
(c) on (d) since

Q.46 Direction : In the following sentences, four words or phrases have been underlined. One of them is incorrect. Choose the incorrect word of phrase from options.

He is one of the great men who has helped him

- (a) He is (b) one of the
(c) who has (d) helped him

Q.47 Direction : Change the Voice.

He was arrested by the detective.

- (a) The detective was arrested him.
(b) The detective arrested by him.
(c) The detective arrested him.
(d) The detective arrest him.

Q.48 Direction : Choose the correctt spelling of the word among the following.

- (a) Necessitey (b) Neccessity
(c) Necessity (d) None of these

Q.49 Direction : Change the Narration

Amrita says, "I have already seen this movie."

- (a) Amrita says that she has already seen that movie.
(b) Amrita says that she had already seen that movie.
(c) Amrita says that she has already seen this movie.
(d) Amrita said that she has already seen that movie.

Q.50 Direction- Choose the most appropriate answer and fill in the blanks.

The adjective from of 'Attention' is _____.

- (a) Attended (b) Attending
(c) Attentive (d) None of these

ANSWER KEY

1.	(c)	2.	(a)	3.	(c)	4.	(c)	5.	(d)
6.	(b)	7.	(b)	8.	(d)	9.	(b)	10.	(b)
11.	(d)	12.	(a)	13.	(b)	14.	(b)	15.	(a)
16.	(b)	17.	(b)	18.	(c)	19.	(b)	20.	(c)
21.	(b)	22.	(c)	23.	(b)	24.	(d)	25.	(a)
26.	(c)	27.	(d)	28.	(d)	29.	(b)	30.	(a)
31.	(c)	32.	(b)	33.	(b)	34.	(b)	35.	(d)
36.	(d)	37.	(c)	38.	(c)	39.	(a)	40.	(a)
41.	(c)	42.	(b)	43.	(b)	44.	(a)	45.	(d)
46.	(c)	47.	(c)	48.	(c)	49.	(a)	50.	(c)

