

Mental Ability Question & Answers

1. Select the related word/ letters/ number from the given alternatives.

Psychology : Human Being :: Ornithology : ?

- a. Birds
- b. Volcanoes
- c. Insects
- d. Reptiles

Ans. (a.)

Explanation: Psychology is the scientific study of the human mind and its functions, whereas Ornithology is the scientific study of birds.

2. Select the related word/letters/number from the given alternatives.

EGIK : FHJL :: MOQS : ?

- a. LNOQ
- b. NPRT

c. KMOQ

d. NRPT

Ans. (b.)

Explanation: EGIK -----(+1)(+1)(+1)(+1)-----> FHJL;

MOQS -----(+1)(+1)(+1)(+1)-----> NPRT;

3. Select the related word/letters/number from the given alternatives.

147 : 741 :: 869 : ?

a. 896

b. 968

c. 689

d. 986

Ans. (b.)

Explanation: 741 is the reverse arrangement 147. Similarly, the reverse arrangement of 869 will be 968.

4. Find the odd word/letters/number pair from the given alternatives.

a. Herb

b. Flower

c. Tree

d. Shrub

Ans. (b.)

Explanation: All except the flower are rooted in ground.

5. Find the odd word/letters/number pair from the given alternatives.

a. JKLM

b. NOPQ

c. RSTU

d. VWXZ

Ans. (d.)

Explanation: All except VWXZ are the combination of consecutive letters.

6. Find the odd word/letters/number pair from the given alternatives.

a. (85, 136)

b. (34, 85)

c. (102, 153)

d. (63, 162)

Ans. (d.)

Explanation: $(85, 136) = (5 \times 17, 8 \times 17)$;

$(34, 85) = (2 \times 17, 5 \times 17)$;

$(102, 153) = (6 \times 17, 9 \times 17)$;

$(63, 162) = (7 \times 9, 9 \times 9 \times 2)$;

All except (63, 162) have HCF of 17.

7. Arrange the following words as per order in the dictionary

1. Organ
2. Origin
3. Orient
4. Organic
5. Organize

- a. 1, 5, 3, 4, 2
- b. 1, 5, 4, 2, 3
- c. 1, 4, 5, 3, 2
- d. 1, 4, 5, 2, 3

Ans. (c.)

Explanation: The logical order of the given words will be as follows-

Organ > Organic > Organize > Orient > Origin;

8. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

_sr_tr_srs_r_srst_

a. ttssrr

b. tsrtsr

c. strtrs

d. tsttr

Ans. (d.)

Explanation: After studying the above given pattern, we can deduce the following inferences-

‘srs’ is suffixed by ‘t’ and it implies ‘srst’ is suffixed with ‘r’. No ‘rr’ and ‘ss’ combination is allowed as there is no such combination. Hence, the correct sequence will be-

(t) sr (s) tr (t) srs (t) r (t) srst (r).

9. Find the missing number in the following series:

43, 172, 86, 344, ?

a. 172

b. 258

c. 129

d. 430

Ans. (a.)

Explanation: The alternate numbers in the given series are in the multiple of 2.

Hence, the next number will be = $86 * 2 = 172$;

10. 'A' is the sister of 'B'. 'B' is married to 'D'. 'B' and 'D' have a daughter 'G'. How is 'G' related to 'A'?

a. Sister

b. Daughter

c. Niece

d. Cousin

Ans. (c.)

Explanation: G will be equal of the daughter to A. Hence, the correct answer will be 'niece'.

11. Anil is as much younger to Vivek as he is older to Tarun. If the total of the ages of Vivek and Tarun is 48 years, how old is Anil?

a. 26

b. 33

c. 24

d. 18

Ans. (c.)

Explanation: Vivek – Anil = Anil – Tarun; -----eq.(i)

Vivek + Tarun = 48 -----eq.(ii);

From eq.(i) and eq.(ii),

$2 * \text{Anil} = 48; \Rightarrow \text{Anil} = 24 \text{ years};$

12. From the given alternative words, select the word which cannot be formed using the letters of the given word:

CHRONOLOGICAL

a. CALL

b. LOGIC

c. CALICO

d. ANALOGY

Ans. (d.)

Explanation: All except ANALOGY can be formed using the given word because the given word does not contain '1Y' and '2A'.

13. If HOUSE is written as FQSUC , then how can CHAIR be written in that code?

a. DIBJS

b. SBJID

c. SHBGD

d. AJYKP

Ans. (d.)

Explanation: HOUSE -----(-2)(+2)(-2)(+2)(-2)----- FQSUC;

CHAIR -----(-2)(+2)(-2)(+2)(-2)-----AJYKP;

14. If P denotes \div , Q denotes \times , R denotes $+$ and S denotes $-$ then what is the value of $18Q12P4R5S6$

a. 64

b. 53

c. 81

d. 24

Ans. (b.)

Explanation: Replace the letter with mathematical signs-

$$18Q12P4R5S6 = 18 \times 12 / 4 + 5 - 6;$$

$$= 54 + 5 - 6 = 53;$$

15. If $4 + 3 = 25$, and $8 + 4 = 80$, then, $3 + 2 = ?$

a. 15

b. 10

c. 13

d. 12

Ans. (c.)

Explanation: $4 + 3 = 4^2 + 3^2 = 25$; $8 + 4 = 8^2 + 4^2 = 80$;

Similarly, $3 + 2 = 3^2 + 2^2 = 13$;

16. Select the missing numbers from the given alternatives

8	32	4
7	?	5
2	6	3

a. 30

b. 35

c. 20

d. 25

Ans. (b.)

Explanation: Second column is the product of first and third column. Hence, $7*5 = 35$;

17. Ramesh starts his journey by walking 2 kilometres towards North. Then he takes a right turn and walks 1 kilometre. Again takes a right turn and walks 2 kilometre. Now which direction is he facing?

a. East

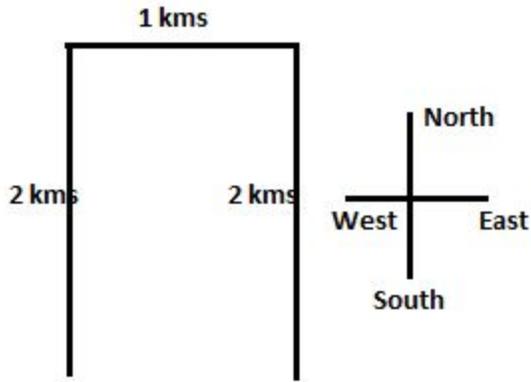
b. West

c. South

d. North

Ans. (c.)

Explanation: From the given figure, he will be heading towards South direction.



18. Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

Statement: Irregularity is a cause for failure in exams. Some regular students fail in the examinations. <https://www.freshersnow.com/previous-year-question-papers/>

Conclusions:

- I. All failed students are regular.
 - II. All successful students are not regular.
- a. Only conclusion I follows
- b. Only conclusion II follows
- c. Both conclusion I and conclusion II follow

d. Neither conclusion I nor conclusion II follows

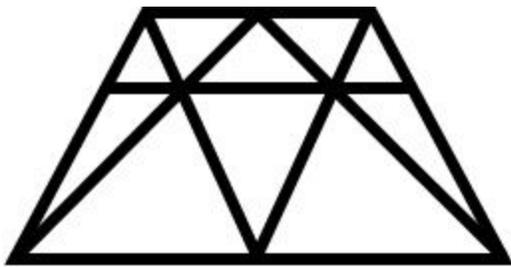
Ans. (d.)

Explanation: Failed students -----> Regular;

Successful students -----> Not regular;

It is clear that both conclusions are baseless.

19. How many triangles are there in the given figure?



a. 18

b. 19

c. 20

d. 21

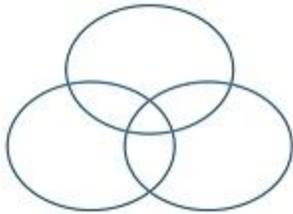
Ans. (c.)

Explanation: while counting, we can observe the 20 triangles in the given figure.

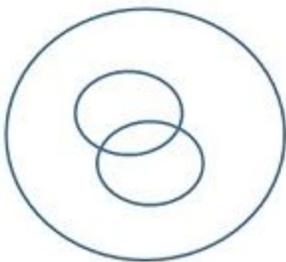
20. Which one of the following figures represents the following relationship:

Birds, Parrots, Bats

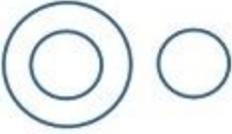
a.



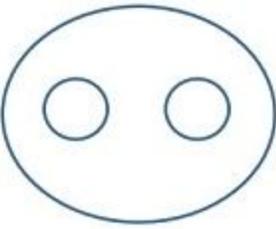
b.



c.



d.



Ans.

Explanation: Parrots are birds, while bats do not fall under this category due to lack of wings and fused bones. Hence, option(c.) is the best representation for the given set.