

1
Mock Test

SOLUTION



1. (B)

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Logic - In this question, we have used Sum of given alphabetical group position values + 5.

In the following question,

NOTE → N = 14, O = 15, T = 20, E = 5

NOTE + 5 = 14 + 15 + 20 + 5 + 5 = 59

FOOD → F = 6, O = 15, O = 15, D = 4

FOOD + 5 = 6 + 15 + 15 + 4 + 5 = 45

RATIO = 18 + 1 + 20 + 9 + 15 + 5

RATIO + 5 = 18 + 1 + 20 + 9 + 15 + 5 = 68

Hence, 68 is the correct answer.

2. (B) In the given alternative,

$$(11)^3 = 1331$$

$$(12)^3 = 1728$$

$$(15)^3 = 3375$$

All three have perfect cube numbers which belong to Integers. But 1024 does not keep the perfect cube Integer. So, 1024 is an odd number in the given alternative.

3. (C) Given equation,

$$117 \div 9 \times 5 + 5 - 7 = 31$$

Interchanging the \times , $+$ in the following equation,

$$117 \div 9 + 5 \times 5 - 7 = 13 + 25 - 7 = 31$$

Hence, \times , $+$ is the correct Answer.

4. (B) In the following arrangement positional values of all alphabets are as follows.

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Position values of given alphabetical,

A = 1, W = 23, D = 4, T = 20, G = 7, Q = 17, and

J = 10

	-3		-3		-3
A	W	D	T	G	Q
	+3		+3		+3
J					

Hence, N is the correct answer.

5. (B) Given series,

56,	68,	82,	98	116
	↑	↑	↑	↑
	12	14	16	18

Hence, 98 is the correct answer.

6. (D) Given condition,

'-' means '+', '+' means \times , ' \times ' means \div , and ' \div ' means -

Using BODMAS the rule,

BODMAS (Bracket of division Multiplication Addition Subtraction)

$$40 - 30 + 20 \div 8 \times 2 = 40 - 30 + (20 \div 8) \times 2 =$$

$$40 - 30 + 5 = 15$$

Hence, 15 is the correct answer.

7. (A) Eleven players play cricket with each side.

That way, Five players play Basketball with each side.

Hence, Five is the correct Answer.

8. (C) In the given pattern,

64 is the square of 8.

121 is the square of 11.

144 is the square of 12.

Hence, 12 is the correct answer.

9. (B) In the given $4 : 68 :: 9 : ?$

$$(4)^3 + 4 = 68$$

$$(9)^3 + 4 = 733$$

Hence, 733 is the correct answer.

10. (A) In the following question,

DG, KL, RQ, YV, FA, _

	+5		+5		+5		+5		+5
DG,	KL,	RQ,	YV,	FA,	MF				
	↑	↑	↑	↑	↑				
	+7	+7	+7	+7	+7				

HENCE, MF is the correct answer.

11. (D) Cornea, Retina, Pupil are the internal part of the eye But Vision is not the internal part of eyes.

12. (C) Length SI unit Metre.

Volume SI unit Litre.

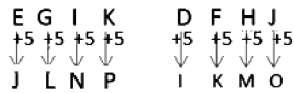
13. (D) The least venn diagram of Human beings, University, Hospital are as follows.



14. (C) In the following arrangement positional values of all alphabets are as follows.

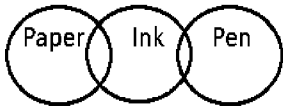
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Position values of given alphabetical,



Hence, IKMO the correct answer.

15. (D) The least possible diagram of the given statement are as follows;



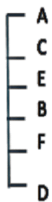
Conclusions:

- I. All Ink are Pen → False (As Some Ink are Pen and about remaining Ink and Pen we can not say it Whether it is true or not. So, it is false)
- II. Some Pen are Paper → False (As there is no direct relation between Pen and Paper we cannot say whether it is true or not. So, it is false)

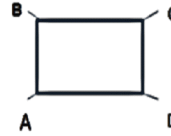
Hence, None of the conclusions are as follows.

16. (C)

17. (C) E is sitting between B and C.

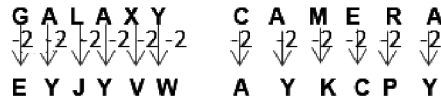


18. (B) Given data square table, Hence, D is the opposite of the B.

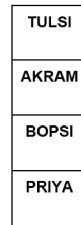


19. (A)

20. (B) AYKCPY



21. (D)

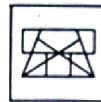


Hence, Bopsi is the second person from the bottom.

22. (A) From the given options, only OWFL contains a vowel.

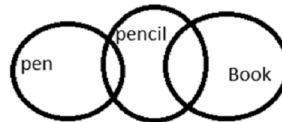
Hence, option 2 is the correct answer.

23. (D) On close observation, we can see that fig. (X) is embedded in figure (d) as shown below.



Hence, option 4 is the correct answer.

24. (B) The least possible Venn-diagram is :



Conclusions:

- I. Some Book are Pen - It is not a definite case, hence False.
- II. No Book is Pen - It is not a definite case, hence False.

But both are complementary to each other.

So, Either I or II conclusions follow.

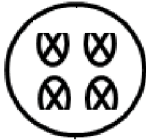
Hence, option 2 is the correct answer.

25. (A)
- $C > D > B > E$

C is the tallest among them.

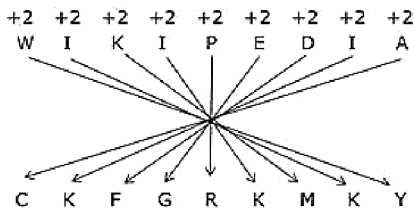
Hence, option 1 is the correct answer.

26. (B) As it is punched in a book-folding manner and then again it gets punched. So, when we open it up there will be figure as shown in option(b).

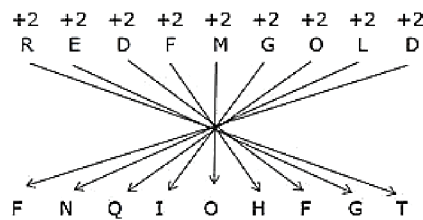


Hence option 2 is the correct answer.

27. (B) As,

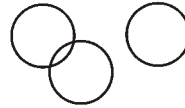


Similarly,



Hence, option 2 is the correct answer.

28. (D) Some politicians can be contractors and candles is a completely different entity, as shown below.



Hence, option 4 is the correct answer.

29. (B)

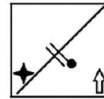
Logic: All the arrows in the corner side is moving in clockwise direction.

Star in corner is moving in anti clockwise direction.

Diagonal line is moving in mirror image form.

Shaded circle is moving alternately on the line.

The next figure in the series will be shown as:



Hence, option 2 is the correct answer.

30. (C) In a plane mirror, a mirror image is a reflected duplication of an object that appears almost identical, but it is reversed in the direction perpendicular to the mirror surface. As an optical effect it results from reflection of substances such as a mirror or water.

