BYJU'S EXAM PREP

SSC CGL General Intelligence and Reasoning Analogies English PDF

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1. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
LPCK : QUHP : : HRMT : ?
A. LWSY
B. MVRZ
C. NWSY
D. MWRY

2. 'Pain' is related to 'Agony' in the same way as 'Angry' is related to '_____'.
A. Ecstasy
B. Bitterness
C. Grandiosity
D. Furious

3. Select the number-pair, in which, the two numbers are related in the same way as the two numbers of the following number-pair.
12 : 102
A. 14 : 126
B. 8 : 68
C. 6 : 52
D. 16 : 218

4. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.
Zinc : Brass
A. Gold : Ornament
B. Copper : Bronze
C. Mercury : Thermometer
D. Silver : Ring

5. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
19 : 380
A. 12 : 146
B. 17 : 289
C. 14 : 196
D. 13 : 182

6. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
KSDO : NPGL : : SBJY : ?
A. VZMW
B. WYNV
C. VYNW
D. VYMV

7. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.
Waiter : Serve
A. Lawyer : Legal
B. Architect : Fashion
C. Engineer : Technical
D. Mechanic : Repair

8. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.
Fossils : Paleontology
A. Flowers : Zoology
B. Rocks : Astronomy
C. Fungi : Phycology
D. Plants : Botany

9. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
RDPC : NHLG : : SKDG : ?
A. NOYK
B. OOYK
C. OOZK
D. OPZK

10. **In the following question, select the related word pair from the given alternatives.**
Square : Perimeter :: ? : ?
A. Circumderence : Sphere
B. Circle : Circumference
C. Perimeter : Rectangle
D. Area : Triangle

11. In the following question, select the related number pair from the given alternatives.
15: 17::23: ?
A. 24
B. 27
C. 25

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D. 35

12. **In the following question, select the related letter/letters from the given alternatives.**

PGY : JAS :: VIK : ?
A. PCD
B. RDE
C. PCE
D. RDF

13. 'Chassis' is related to 'Car' in the same way as 'Skeleton' is related to ' _____'.
A. Spinal cord
B. Organs
C. Bones
D. Body

14. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.
Nephrology : Kidney
A. Cardiology: Liver
B. Ophthalmology : Eyes
C. Pathology : Tissues
D. Zoology : Plants

15. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
LENOVO : EKISSQ :: FINGER : _____
A. YOIJBT
B. YOIKBT
C. YNIKBT
D. YOIKCT

16. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.
Candle : Illuminate
A. Fan : Suffocation
B. Bulb : Dark
C. Refrigerator : Cool
D. Oven : Grind

17. Select the word pair in which the two words are related in the same way as are the two words in the given word-pair.
Butterflies: Lepidopterists
A. Chromosome : Botanist
B. Postcard : Deltiologist
C. Jewels : Jeweller
D. Map : Calligraphers

18. **In the following question, select the related group of letters from the given alternatives.**
? : LLH : : RMS : SLU
A. NMK
B. KMF
C. MKF
D. MMF

19. Select the related word/letters/number from the given alternatives.
64 : 8 : 289 : ?
A. 17
B. 27
C. 26
D. 19

20. Select the related word/letters/number from the given alternatives.
OFFICIAL : QHHKEKCN : : LANGUAGE : ?
A. NCPWICIG
B. NCPIWCIG
C. NCPIWICG
D. NCPIWCGI

21. Select the related word/letters/number from the given alternatives.
SPINSTER : ROHMRSDQ : : SEMESTER : ?
A. RDDLRSDQ
B. RDLDSRDQ
C. RDLDRSDQ
D. RDLDRDSQ

22. **Select the related letters from the given alternatives.**
TC : EV : : NS : ?
A. QT
B. LK
C. PU
D. UP

23. In the following question, select the related number from the given alternatives.

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5 : 100 : : 6 : ?
A. 180
B. 150
C. 160
D. 170

24. In the following question, select the related group of letters from the given alternatives.
IJ : PR : : ? : SU
A. IJ
B. LM
C. EF
D. LI

25. Choose the related word/letters/number from the given alternatives.
WD : TF :: TG ?
A. QR
B. IQ
C. QI
D. IP

Direction: Select the related word/letters/ number from the given alternatives.
26. 7 : 42 :: 8 : ?
A. 48
B. 49
C. 57
D. 50

27. **Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.**
7 : 56
A. 13 : 173
B. 11 : 121
C. 9 : 90
D. 6 : 36

28. **Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.**
BEH : FJN : : ILO : ?
A. MQU
B. MQV
C. MOU
D. MOV

29. 'Sunflower' is related to 'Yellow' in the same way as 'Blood' is related to '_____'
A. Animal
B. Human
C. Red
D. Iron

30. **Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.**
6 : 40
A. 15 : 45
B. 9 : 72
C. 5 : 25
D. 7 : 53

31. 'Man' is related to 'Crowd' in the same way as 'Student' is related to _____
A. Class
B. Cinema
C. Gang
D. Family

32. **Select the option that is related to the third letter-pair in the same way as the second letter-pair is related to the first letter-pair.**

DH : HL : : GK : ?
A. KO
B. LO
C. LM
D. KL

33. **Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.**
Paper : Pen
A. Blackboard : Chalk
B. Chalk : Duster
C. Curd : Milk
D. Wood : Table

34. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

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Merchant : Trade
A. Lawyer : Court
B. Scientist : Expert
C. Doctor : Treatment
D. Engineering : Science

35. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
8 : 128
A. 10 : 220
B. 9 : 152
C. 12 : 288
D. 6 : 82

36. Select the word-pair, in which, the two words are related in the same way as the two words in the following word-pair.
Exercise : Fitness
A. Harmony : War
B. Hobby : Internet
C. Education : Institute
D. Treatment : Recovery

37. 'Kidney' is related to 'Excretion' in the same way as 'Heart' is related to '____'.
A. Heart Chambers
B. Human body
C. Blood Circulation
D. Artery

38. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair
25 : 600
A. 16 : 256
B. 18 : 306
C. 20 : 420
D. 14 : 210

39. 'Gynecology' is related to 'Women' in the same way as 'Paediatrics' is related to '____'.
A. Treatment
B. Children
C. Men
D. Human being

40. Select the word-pair in which the two words are related in the same way as the two words in the following word-pair
Telephone : Communication
A. Television : Entertainment
B. Heater : Electricity
C. Refrigerator : Equipment
D. Air Cooler : Water

41. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
4 : 49
A. 8 : 144
B. 6 : 64
C. 7 : 100
D. 5 : 81

42. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
53 : 477
A. 55 : 525
B. 43 : 367
C. 45 : 460
D. 39 : 351

43. 'Hard work' is related to 'Success' in the same way as 'Crime' is related to '____'.
A. Punishment
B. Society
C. Police
D. Reward

44. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
442 : 21
A. 257 : 16
B. 323 : 19
C. 223 : 13
D. 238 : 14

45. Select the option that is related to the third number in the same way as the second number is related to the first number.

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81 : 63 :: 74 : _____
A. 13
B. 23
C. 43
D. 33

46. 'Iraq' is related to 'Dinar' in the same way as 'Myanmar' is related to '_____'.
A. Yen
B. Lira
C. Kyat
D. Rand

47. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
GATE : HXYX :: SINK : _____
A. TGSE
B. TETD
C. TESD
D. TFSD

48. 'Chickenpox' is related to 'Virus' in the same way as 'Ringworm' is related to '_____'.
A. Protozoan
B. Bacterium
C. Nematodes
D. Fungus

49. In the following question, select the related group of letters from the given alternatives.
MOXT : PRAW :: DGFI : ?
A. GILJ
B. LGIJ
C. GJIL
D. GJLI

50. **In the following question, select the related number from the given alternatives.**
9713: 64 :: 6921: ?
A. 312
B. 225
C. 401
D. 125

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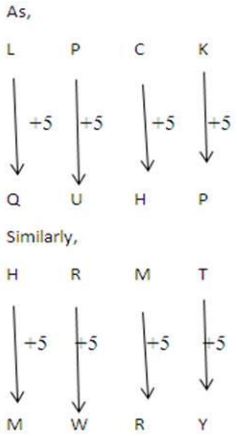
###ANSWERS###

1. Ans. D.



Hence, the correct answer is option D.

2. Ans. D.

Pain is synonym of agony and furious is the synonym of angry.

Hence, the correct answer is option D.

3. Ans. B.

As

$12 \times 9 - 12 \div 2 = 102$

Similarly,

$8 \times 9 - 8 \div 2 = 68$

Hence, option B is the correct answer.

4. Ans. B.

As 'Zinc' is used to make 'Brass'

Similarly 'Copper' is the metal which is used to make 'Bronze'.

Hence, option (B) is the correct answer.

5. Ans. D.

As

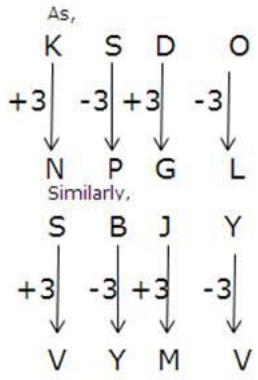
$19^2 + 19 = 380$

Similarly

$13^2 + 13 = 182$

Hence, option (D) is the correct answer.

6. Ans. D.



Hence, the correct answer is option D.

7. Ans. D.

Relationship is- worker: its work

As, Waiter serves in the restaurant.

Similarly, Mechanic does repair work in the garage.

Hence, the correct answer is option D.

8. Ans. D.

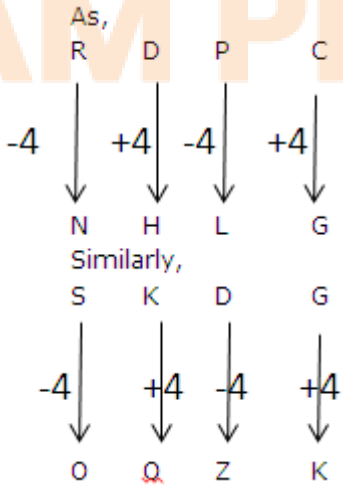
Relationship is- Topic : Field of Study

As, Paleontology is the field of study of Fossils.

Similarly, Botany is the field of study of plants.

Hence, the correct answer is option D.

9. Ans. C.



Hence, the correct answer is option C.

10. Ans. B.

As the sum of all sides of **Square** is **Perimeter** likewise, the total arc of a **Circle** is **Circumference.**

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Hence, option B is the correct answer.
11. Ans. C.
15 + 2 = 17
23 + 2 = **25**
Hence, the correct option is **C.**
12. Ans. C.

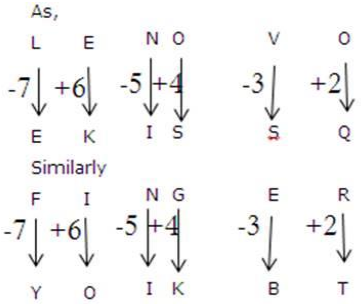
Alphabet	A	B	C	D	E	F	G	H	I	J	K	L	M
Position value	1	2	3	4	5	6	7	8	9	10	11	12	13
Alphabet	Z	Y	X	W	V	U	T	S	R	Q	P	O	N
Position value	26	25	24	23	22	21	20	19	18	17	16	15	14

AS,
P – 6 = **J**
G – 6 = **A**
Y – 6 = **S**
Similarly,

V – 6 = **P**

I – 6 = **C**

K – 6 = **E**
Hence, option C is the correct answer.
13. Ans. D.
A chassis car is an older automobile usually, the chassis car moniker applies to vehicles.
The skeleton acts as a scaffold by providing support to the soft tissues that make up the rest of the body.
Hence, option (D) is the correct answer.
14. Ans. B.
As Nephrology is the study of kidney. Similarly Ophthalmology is the study of eyes.
Hence, option (B) is the correct answer.
15. Ans. B.



Hence, the correct answer is option B.
16. Ans. C.
As Candle is used for Illumination.
Similarly,
Refrigerator is used for cooling.
Hence, the correct answer is option C.
17. Ans. B.
As Lepidopterists is the field of study of Butterflies.
Similarly,
Deltiologist is the field of study and collection of Postcards.
Hence, the correct answer is option B.
18. Ans. B.

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

R + 1 = S
M – 1 = L
S + 2 = U
Therefore, L – 1 = K, L + 1 = M & H – 2 = F → KMF

Hence, option B is the correct answer.
19. Ans. A.
Since '8' is the square root of '64' i.e.
8 × 8 = 64
Likewise, √289 ⇒ 17.
Hence, the correct option is A.
20. Ans. B.
There are 26 alphabets in English and if we assign number to each and every alphabet starting
from 'A', 'B', 'C etc., it will appear to be:
A = 1, B = 2, C = 3, D = 4……. likewise, till Z = 26
O + 2 = Q
F + 2 = H
F + 2 = H
I + 2 = K
C + 2 = E
I + 2 = K
A + 2 = C
L + 2 = N
Likewise,
L + 2 = N
A + 2 = C
N + 2 = P
G + 2 = I
U + 2 = W
A + 2 = C
G + 2 = I

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E + 2 = G
Hence, the correct option is B.
21. Ans. C.
There are 26 alphabets in English and if we assign number to each and every alphabet starting
from 'A', 'B', 'C etc., it will appear to be:
A = 1, B = 2, C = 3, D = 4……. likewise, till Z = 26
S-1 = R
P-1 = O
I-1 = H
N-1 = M
S-1 = R
T-1 = S
E-1 = D
R-1 = Q
Likewise,
S-1 = R
E-1 = D
M-1 = L
E-1 = D
S-1 = R
T-1 = S
E-1 = D
R-1 = Q
Hence, the correct option is C.
22. Ans. D.
There are 26 alphabets in English and if we give assign to each and every alphabet starting
from 'A', 'B', 'C etc., it will appear to be:
A = 1, B = 2, C = 3, D = 4……. likewise, till Z = 26

$$T + 2 = V \uparrow$$
$$C + 2 = E \uparrow$$

Likewise,

$$N + 2 = P \uparrow$$
$$S + 2 = U \uparrow$$

Hence, option D is the correct answer.
23. Ans. A.
The above relation can be represented in the form of:

"$n^3 - n^2$"
Therefore, in the first case, the value of 'n' was 5

So, $5^3 - 5^2 = 125 - 25 = 100$

In the second pair,

$6^3 - 6^2 = 216 - 36 = 180$

Hence, option A is the correct response.
24. Ans. B.
As,

P	R
-7	-8
↓	↓
I	J

Similarly,

S	U
-7	-8
↓	↓
L	M

Thus SU is related to LM.
Hence, option B is correct answer.
25. Ans. C.
There are 26 alphabets in English and if we assign numbers to each and every alphabet starting from 'A', 'B', 'C etc., it will appear to be:
A=1, B=2, C=3, D=4……. likewise, till Z=26
And, if we observe the difference between the respective alphabet in the series given above:
W – 3 = T
D + 2 = F
Likewise,
T – 3 = Q
G + 2 = I

Hence, the correct option is C.
26. Ans. A.
7x6 = 42
8x6 = 48
Thus, 7 : 42 :: 8 : 48
Hence, A is correct.
27. Ans. C.
Given pair - (7 : 56) = (7 : 7 × 8)

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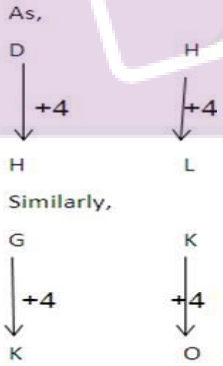
Logic: The first number is multiplied by its succeeding number to obtain the second number.
Similarly, (9 : 9 × 10) = (9 : 90)
Hence, option C is the correct answer.
28. Ans. A.
The pattern is :
B + 4 = F
E + 5 = J
H + 6 = N
Similarly,
I + 4 = M
L + 5 = Q
O + 6 = U
Hence, option A is the correct answer.
29. Ans. C.
The color of the sunflower is 'yellow'. Similarly, the color of blood is 'Red'.
Hence, option C is the correct answer.
30. Ans. D.
As, $6^2+4=40$
Similarly,
$7^2+4=53$
Hence, the correct answer is option D.
31. Ans. A.
The relationship is- Individual : Group
Hence, the correct answer is option a.
32. Ans. A.



Hence, the correct answer is option A.
33. Ans. A.
As, Pen is used to write on paper, similarly, chalk is used to write on blackboard.
Hence, the correct answer is option A.
34. Ans. C.
A Merchant's job is to trade, and a Doctor's job is to treatment the patient.
Hence, the correct answer is option C.
35. Ans. C.
As,
$8^2*2=128$
Similarly,
$12^2*2=288$
Hence, the correct answer is option C.
36. Ans. D.
As,
Exercise results in body fitness.
Similarly,
Treatment results in Recovery.
Hence, option D is the correct answer.
37. Ans. C.
The kidney job is to remove waste. The excretory system of it removes excess, unnecessary materials from the body.
Similarly 'Heart' purifies our blood and supply blood to the whole body.
Hence, option (C) is the correct answer.
38. Ans. B.
As, $25^2-25=625-25=600$
Similarly, $18^2-18=324-18=306$
Hence, the correct answer is option B.
39. Ans. B.
Gynecology is the medical practice which deals with the health of the female reproductive systems and the breasts.
Similarly, Paediatrics is the medical practice which deals with the health of Children.
Hence, the correct answer is option B.
40. Ans. A.
As, the Telephone is used for Communication.
Similarly, Television is used for Entertainment.
Hence, the correct answer is option A.
41. Ans. C.
As,
$(4+3)^2=49$
Similarly,
$(7+3)^2=100$
correct answer is option C.
42. Ans. D.
As, 477/53=9.
Similarly, 351/39=9.
Hence, the correct answer is option D.
43. Ans. A.
Relationship is- Cause: Effect
'Hard work'(Cause) is related to 'Success'(Effect) in the same way as

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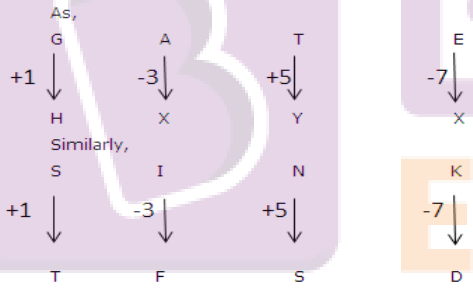
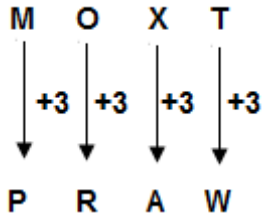
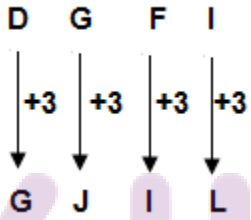
'Crime'(Cause) is related to 'Punishment(Effect)'.
Hence, the correct answer is option A.
44. Ans. A.
As
$21^2 + 1 = 442$
Similarly
$16^2 + 1 = 257$
Hence, option (A) is the correct answer.
45. Ans. D.
As,
81 : 63
(8 + 1) × (8 − 1) = 63
Similarly,
74 : 33
(7 + 4) × (7 − 4) = 33
Hence, the correct answer is option D.
46. Ans. C.
As Dinar is the currency used in Iraq.
Similarly,
Kyat is the currency used in Myanmar.
Hence, the correct answer is option C.
47. Ans. D.



Hence, the correct answer is option D.
48. Ans. D.
As Virus is the main cause of Chickenpox infection/disease.
Similarly,
Fungus is the main cause of Ringworm infection/disease.
Hence, the correct answer is option D.
49. Ans. C.
In this question, we show that-



Similarly –



So ? = GJIL
So, the correct answer is option C.
50. Ans. D.
$[(9+7)/(1+3)]^3$
$=[16/4]^3$
$=4^3$
=64
In the same way,
$[(6+9)/(2+1)]^3$
$=[15/3]^3$
$=5^3$
=125
Thus, 9137: 64 :: 6219: 125
Hence, option D is the correct response.

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