JIPMAT Exam August 2021

Topic:- JIPMAT_AUG21_QA

1) The digit in the unit's place of the number represented by $(7^{95}-3^{58})$ is

[Question ID = 105]

1. 0

   [Option ID = 417]
2. 4

   [Option ID = 418]
3. 6

   [Option ID = 419]
4. 7

   [Option ID = 420]

Correct Answer :-

- 6

  [Option ID = 419]

2) The H.C.F of $\frac{9}{10}, \frac{12}{25}, \frac{18}{35}, \frac{21}{40}$ is

[Question ID = 106]

1. $\frac{3}{5}$

   [Option ID = 421]
2. $\frac{252}{5}$

   [Option ID = 422]
3. $\frac{63}{700}$

   [Option ID = 423]
4. $\frac{3}{1400}$

   [Option ID = 424]

Correct Answer :-

- $\frac{252}{5}$

  [Option ID = 422]

3) The value of $(25.732)^2-(15.732)^2$ is

[Question ID = 107]

1. 414.64

   [Option ID = 425]
2. 41.464

   [Option ID = 426]
3. 4146.4

   [Option ID = 427]
4. 4.1464

   [Option ID = 428]

Correct Answer :-

- 41.464

[Option ID = 426]

4) A train starts full of passengers. At the first station, it drops one third of passengers and takes 280 more. At the second station, it drops one half of the new total and takes 12 more. On arriving at the third station, it is found to have 248 passengers The number of passengers in the beginning was

[Question ID = 108]

1. 156

   [Option ID = 429]
2. 288

   [Option ID = 430]
3. 564

   [Option ID = 431]
4. 608

   [Option ID = 432]

Correct Answer :-

- 564

  [Option ID = 431]

5) The value of $\left(\frac{1}{\sqrt{9}-\sqrt{8}}-\frac{1}{\sqrt{8}-\sqrt{7}}+\frac{1}{\sqrt{7}-\sqrt{6}}-\frac{1}{\sqrt{6}-\sqrt{5}}+\frac{1}{\sqrt{5}-\sqrt{4}}\right)$ is

[Question ID = 109]

1. 0 [Option ID = 433]
2. 1 [Option ID = 434]
3. $\frac{1}{5}$

   [Option ID = 435]
4. 5 [Option ID = 436]

Correct Answer :-

- 0 [Option ID = 433]

6) In a cricket team of 11 players, the average age is 28 years. Out of these, the average ages of three groups of three players each are 25 years, 28 years and 30 years respectively. If in these groups, the captain and the youngest player are not included and the captain is eleven years older than the younger player, then the age of the captain is

[Question ID = 110]

1. 33 years

   [Option ID = 437]
2. 34 years

   [Option ID = 438]
3. 35 years

   [Option ID = 439]
4. 36 years

   [Option ID = 440]

Correct Answer :-

- 35 years

  [Option ID = 439]

7) A member consists of two digits whose sum is 8. If 18 is added to the number, its digits are interchanged. The number is

[Question ID = 111]

1. 26

   [Option ID = 441]
2. 35

   [Option ID = 442]
3. 53

   [Option ID = 443]
4. 62

   [Option ID = 444]

Correct Answer :-

- 53

  [Option ID = 443]

8)

$\frac{4}{7}$ of a pole is in the mud. When $\frac{1}{3}$ of it is pulled out, 250 cm of the pole is still in the mud. The full length of the pole is

[Question ID = 112]

1. 750 cm [Option ID = 445]
2. 1050 cm [Option ID = 446]
3. 1350 cm [Option ID = 447]
4. 437.5 cm [Option ID = 448]

Correct Answer :-

- 1050 cm [Option ID = 446]

9)

If $2^x = 3^y = 6^{-z}$, then $\left(\frac{1}{x}+\frac{1}{y}+\frac{1}{z}\right)$ is equal to

[Question ID = 113]

1. 4 [Option ID = 449]
2. 2 [Option ID = 450]
3. 1 [Option ID = 451]
4. 0 [Option ID = 452]

Correct Answer :-

- 2 [Option ID = 450]

10) A candidate scoring 25% marks in an examination fails by 30 marks while another candidate who score 50% marks gets 20 marks more than those required to pass. The pass percentage is

[Question ID = 114]

1. 30%

   [Option ID = 453]
2. 33%

   [Option ID = 454]
3. 35%

   [Option ID = 455]
4. 40%

   [Option ID = 456]

Correct Answer :-

- 35%

  [Option ID = 455]

11) A dishonest dealer professes to sell his goods at cost price. But he uses a false weight and thus gain $6\frac{18}{47}\%$. For a kg, he uses a weight of

[Question ID = 115]

1. 953 g [Option ID = 457]
2. 947 g [Option ID = 458]
3. 940 g [Option ID = 459]
4. 960 g [Option ID = 460]

Correct Answer :-

- 953 g [Option ID = 457]

12) Harish divides two sums of money among his four sons Naresh, Vipin, Bhupesh, and Yogesh. The first sum is divided in the ratio 4 : 3 : 2 : 1 and second in the ratio 5 : 6 : 7 : 8. If the second sum is twice the first, then the largest total is received by

[Question ID = 116]

1. Naresh [Option ID = 461]
2. Vipin [Option ID = 462]
3. Bhupesh [Option ID = 463]
4. Yogesh [Option ID = 464]

Correct Answer :-

- Bhupesh [Option ID = 463]

13) A is working, and B a sleeping partner in a business. A puts in Rs.12000 and B Rs. 20000. A received 10% of the profit for managing, the rest being divided in proportion to their capitals. Out of a total profit of Rs. 9600, the money received by A will be

[Question ID = 117]

1. Rs. 3240 [Option ID = 465]
2. Rs. 3600 [Option ID = 466]
3. Rs. 4200 [Option ID = 467]
4. Rs. 4840 [Option ID = 468]

Correct Answer :-

- Rs. 4200 [Option ID = 467]

14) A contractor undertakes to do a piece of work in 40 days. He engages 100 men at the beginning and 100 more after 35 days and completes the work in stipulated time. If he had not engaged the additional men, how many days behind schedule would it be finished?

[Question ID = 118]

1. 3

   [Option ID = 469]
2. 5

   [Option ID = 470]
3. 6

   [Option ID = 471]
4. 8

   [Option ID = 472]

Correct Answer :-

- 5

  [Option ID = 470]

15) 4 men and 6 women finish a job in 8 days, while 3 men and 7 women finish it in 10 days. In how many days will 10 women finish it?

[Question ID = 119]

1. 24 [Option ID = 473]
2. 32 [Option ID = 474]
3. 36 [Option ID = 475]
4. 40 [Option ID = 476]

Correct Answer :-

- 32 [Option ID = 474]

16) A pump can be operated both for filling a tank and for emptying it. The capacity of tank is 2400 m^3. The emptying capacity of the pump is 10 m^3 per minute higher than its filling capacity. Consequently, the pump needs 8 minutes less to empty the tank as to fill it. The filling capacity of pump is

[Question ID = 120]

1. 40 m^3/minute

   [Option ID = 477]
2. 50 m^3/minute

   [Option ID = 478]
3. 60 m^3/minute

   [Option ID = 479]
4. 80 m^3/minute

   [Option ID = 480]

Correct Answer :-

- 60 m^3/minute

  [Option ID = 479]

17) A boy covers a certain distance on a toy train. If the train moved 4 kmph faster, it would take 30 minutes less. If it moved 2 kmph slower, it would have taken 20 minutes more. The distance is

[Question ID = 121]

1. 40 km

   [Option ID = 481]
2. 50 km

   [Option ID = 482]
3. 60 km

   [Option ID = 483]
4. 80 km

   [Option ID = 484]

Correct Answer :-

- 40 km

[Option ID = 481]

18) A train with 90 kmph crosses a bridge in 36 s. Another train 100 m shorter crosses the same bridge at 45 kmph. The time taken by the second train to cross the bridge will be

[Question ID = 122]

1. 60 s

[Option ID = 485]

2. 64 s

[Option ID = 486]

3. 68 s

[Option ID = 487]

4. 72 s

[Option ID = 488]

Correct Answer :-

- 68 s

[Option ID = 487]

19) A man rows 20 km upstream and back again to the starting point in 110 minutes. If the speed of stream is 2 kmph, then the speed of rowing in still water is

[Question ID = 123]

1. 20 kmph [Option ID = 489]
2. 22 kmph [Option ID = 490]
3. 24 kmph [Option ID = 491]
4. 28 kmph [Option ID = 492]

Correct Answer :-

- 24 kmph [Option ID = 491]

20) A mixture of alcohol and water contains 35% alcohol by weight. if 25 g water is added to such a mixture of 100 g, then the percentage of alcohol in the mixture is

[Question ID = 124]

1. 25%

[Option ID = 493]

2. 28%

[Option ID = 494]

3. 30%

[Option ID = 495]

4. 32%

[Option ID = 496]

Correct Answer :-

- 28%

[Option ID = 494]

21) A man pays 40 times the annual rent to purchase a building. The rate % per annum he derives from his investment is

[Question ID = 125]

1. 2.5%

[Option ID = 497]

2. 4.0%

[Option ID = 498]

3. 3.33%

[Option ID = 499]

4. 6.67%

[Option ID = 500]

Correct Answer :-

- 4.0%

[Option ID = 498]

22) A certain sum is lent at a certain rate of compound interest. It grows to 1.44 times its value in 2 years. If the same sum is lent at simple interest at the same rate, in how many years would it double itself?

[Question ID = 126]

1. 3 years [Option ID = 501]
2. 4 years [Option ID = 502]

3. 5 years [Option ID = 503]
4. 6 years [Option ID = 504]

Correct Answer :-

- 5 years [Option ID = 503]

23) In a rhombus, the length of the two diagonals are 40m and 30m respectively. Its perimeter will be

[Question ID = 127]

1. 70 m

   [Option ID = 505]
2. 80 m

   [Option ID = 506]
3. 90 m

   [Option ID = 507]
4. 100 m

   [Option ID = 508]

Correct Answer :-

- 70 m

  [Option ID = 505]

24) The length of canvas 1.1 m wide required to build a conical tent of height 14m and the floor area 346.5m^2 is
[Question ID = 128]

1. 525 m [Option ID = 509]
2. 490 m [Option ID = 510]
3. 665 m [Option ID = 511]
4. 860 m [Option ID = 512]

Correct Answer :-

- 665 m [Option ID = 511]

25) One cubic meter of iron weighs 7.800 kg. The weight of iron in a pipe of length 4 m, whose interior and exterior diameters measure 10 cm and 12 cm respectively, is nearly

[Question ID = 129]

1. 118 kg

   [Option ID = 513]
2. 108 kg

   [Option ID = 514]
3. 88 kg

   [Option ID = 515]
4. 78 kg

   [Option ID = 516]

Correct Answer :-

- 88 kg

  [Option ID = 515]

26) In a flat race, A beats B by 15 m and C by 29 m. When B and C run over the same course together, B wins by 15 m. The length of the course is
[Question ID = 130]

1. 200 m [Option ID = 517]
2. 225 m [Option ID = 518]
3. 250 m [Option ID = 519]
4. 275 m [Option ID = 520]

Correct Answer :-

- 225 m [Option ID = 518]

27) At what angle the hands of a clock are inclined at 15 minutes past 5 ?
[Question ID = 131]

1. $\left|72\frac{1}{2}^{\circ}\right.$

   [Option ID = 521]
2. $67\frac{1}{2}^{\circ}$

   [Option ID = 522]
3. 64°

[Option ID = 523]

4. $58\frac{1}{2}^{\circ}$

[Option ID = 524]

Correct Answer :-

- $67\frac{1}{2}^{\circ}$

[Option ID = 522]

28) The odd term out in the series
15, 16, 34, 105, 424, 2124, 12756 is
[Question ID = 132]

1. 16 [Option ID = 525]
2. 34 [Option ID = 526]
3. 105 [Option ID = 527]
4. 2124 [Option ID = 528]

Correct Answer :-

- 105 [Option ID = 527]

29) ABC is right angled triangle at C. Let BC = *a*, CA = *b* and AC = *c* and let *p* be the length of perpendicular from C on AB, then *cp* is equal to
[Question ID = 134]

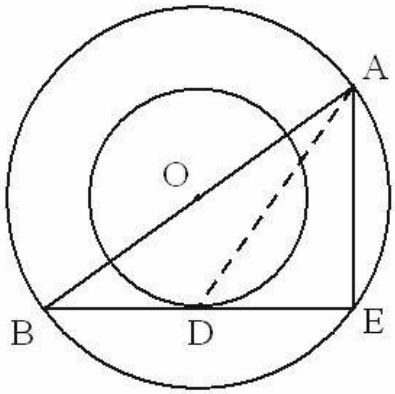
1. *ab* [Option ID = 533]
2. *ac* [Option ID = 534]
3. *bc* [Option ID = 535]
4. *a* + *b* [Option ID = 536]

Correct Answer :-

- *bc* [Option ID = 535]

30)

The radius of two concentric circles are 13 cm and 8 cm. AB is a diameter of the bigger circle. BD is tangent to the smaller circle touching it at D. The length AD is



[Question ID = 135]

1. 15 cm [Option ID = 537]
2. 17 cm [Option ID = 538]
3. 19 cm [Option ID = 539]
4. 21 cm [Option ID = 540]

Correct Answer :-

- 19 cm [Option ID = 539]

31) The minimum value of $\left(2\sin^2\theta + 3\cos^2\theta\right)$ is

[Question ID = 136]

1. 0 [Option ID = 541]
2. 1 [Option ID = 542]
3. 2 [Option ID = 543]
4. 3 [Option ID = 544]

Correct Answer :-

- 1 [Option ID = 542]

32) If the m^{th} term of an arithmetic progression is $\frac{1}{n}$ and n^{th} term is $\frac{1}{m}$, then $(mn)^{th}$ term of this progression will be

[Question ID = 137]

1. $\frac{1}{mn}$

[Option ID = 545]

2. $\frac{m}{n}$

[Option ID = 546]

3. $\frac{n}{m}$

[Option ID = 547]

4. 1

[Option ID = 548]

Correct Answer :-

- $\frac{m}{n}$

[Option ID = 546]

33) If points (t, $2t$), (-2, 6) and (3, 1) are collinear, then t is equal to

[Question ID = 138]

1. $\frac{3}{4}$

[Option ID = 549]

2. $\frac{4}{3}$

[Option ID = 550]

3. $\frac{3}{5}$

[Option ID = 551]

4. $\frac{5}{3}$

[Option ID = 552]

Correct Answer :-

- $\frac{3}{4}$

[Option ID = 549]

Topic:- JIPMAT_AUG21_DILR

1) In this question, a number series is given with one term missing. Choose the correct option that will continue the same pattern.
17, 19, 15, 23, 7, 39, ?

[Question ID = 139]

1. 18 [Option ID = 553]
2. 9 [Option ID = 554]
3. -25 [Option ID = 555]
4. 25 [Option ID = 556]

Correct Answer :-

- -25 [Option ID = 555]

2) In this question, an alphabet series is given with one term missing. Choose the correct option that will continue the same pattern.

MOQ, SUW, YAC, ?

[Question ID = 140]

1. DHJ [Option ID = 557]
2. FIJ [Option ID = 558]
3. EGI [Option ID = 559]
4. XAD [Option ID = 560]

Correct Answer :-

- FIJ [Option ID = 558]

3) In this question, a letter series is given where some of the letters are missing. The missing letters are given in the order as one of the options below it. Choose the correct option.

a _____ c _____ ba _____ ca _____ cb

[Question ID = 141]

1. abcc [Option ID = 561]
2. acba [Option ID = 562]
3. bcaa [Option ID = 563]
4. bcba [Option ID = 564]

Correct Answer :-

- acba [Option ID = 562]

4) There is a certain relation between two given numbers on one side of : : and one number is given on another side of : : . A number is to be found from the given options having the same relation with this number as the given pair.

210 : 380 : : 182 : ?

[Question ID = 142]

1. 156 [Option ID = 565]
2. 240 [Option ID = 566]
3. 272 [Option ID = 567]
4. 342 [Option ID = 568]

Correct Answer :-

- 272 [Option ID = 567]

5) There is a certain relation between two given words on one side of : : and one word is given on another side of : : . A word is to be found from the given options having the same relation with this word as the given pair.

Drill : Bore : : Sieve : ?

[Question ID = 143]

1. Thresh [Option ID = 569]
2. Sift [Option ID = 570]
3. Pry [Option ID = 571]
4. Rinse [Option ID = 572]

Correct Answer :-

- Thresh [Option ID = 569]

6) In this question, there are four options. Three of them are alike and one is different. Find the odd one out.

[Question ID = 144]

1. February, 2021 [Option ID = 573]
2. March, 2021 [Option ID = 574]
3. November, 2021 [Option ID = 575]
4. December, 2021 [Option ID = 576]

Correct Answer :-

- November, 2021 [Option ID = 575]

7) This question is based on the information given below :

The six faces of cube are painted in a manner that no two adjacent faces have the same colour. The three colours used in painting are red, blue and green. The cube is then cut into 36 smaller cubes in a manner that 32 cubes are of one size and the rest of a bigger size and each of the bigger cube has no red side. How many cubes only have one side coloured?

[Question ID = 145]

1. 0

   [Option ID = 577]
2. 4

   [Option ID = 578]
3. 8

   [Option ID = 579]
4. 16

   [Option ID = 580]

Correct Answer :-

- 8

  [Option ID = 579]

8) Which one word cannot be made from the word 'MIRACULOUS'?

[Question ID = 146]

1. LOCUS [Option ID = 581]
2. SCAR [Option ID = 582]
3. SOLACE [Option ID = 583]
4. MOLAR [Option ID = 584]

Correct Answer :-

- SCAR [Option ID = 582]

9) If '+' means '÷', '-' means '×', '÷' means '+' and '×' means '-' then 36 × 12 + 4 ÷ 6 + 2 - 3 is equal to

[Question ID = 147]

1. 2 [Option ID = 585]
2. $6\frac{1}{2}$

   [Option ID = 586]
3. 18 [Option ID = 587]
4. 42 [Option ID = 588]

Correct Answer :-

- $6\frac{1}{2}$

  [Option ID = 586]

10) In this question, relationship between different elements is shown in the statements. The statements are followed by two conclusions numbered I and II.

Statement : H > P ≤ E < L = R < V ; F ≥ V

Conclusion : I. F > E

II. H > R

Study the conclusions and give your answer as follows :

[Question ID = 148]

1. If only conclusion I is true

   [Option ID = 589]
2. If only conclusion II is true

   [Option ID = 590]
3. If both the conclusions I and II are true

   [Option ID = 591]
4. If neither conclusion I nor conclusion II is true

   [Option ID = 592]

Correct Answer :-

- If both the conclusions I and II are true

  [Option ID = 591]

11) Study the information given below and answer the question that follow.

There are four friends A, B, C, D. One of them is a cricketer and studies chemistry and biology. A and B play football. Both football players study mathematics. D is a boxer. One football player also studies physics. The boxer studies mathematics and accounts. All the friends study two subjects each and play one game each.

How many games are played and subjects studied by the friends A, B, C, D?

[Question ID = 149]

1. 2 games and 3 subjects

   [Option ID = 593]
2. 2 games and 4 subjects

   [Option ID = 594]
3. 3 games and 4 subjects

   [Option ID = 595]
4. 3 games and 5 subjects

   [Option ID = 596]

Correct Answer :-

- 2 games and 3 subjects

  [Option ID = 593]

12) Read the following information and then answer the question given below.

(i) Q is brother of R.

(ii) P is sister of Q

(iii) T is brother of S

(iv) S is daughter of R

Who are the niece of Q?

[Question ID = 150]

1. R and P [Option ID = 597]
2. P and T [Option ID = 598]
3. Q and T [Option ID = 599]
4. S and T [Option ID = 600]

Correct Answer :-

- Q and T [Option ID = 599]

13) In a certain code, 'il be pee' means 'roses are blue' , 'sik hee' means 'red flowers' and 'pee mit hee' means 'flowers are vegetables', then which word stands for 'red'?

[Question ID = 151]

1. hee [Option ID = 601]
2. sik [Option ID = 602]
3. be [Option ID = 603]
4. cannot be determined [Option ID = 604]

Correct Answer :-

- be [Option ID = 603]

14) Sandhya walks 10 m towards the south. Turning to the left, she walks 20 m and then turns to her right. After moving a distance of 20 m, she turns to the right and walks 20 m. Finally, she turns to the right and moves 10 m. In which direction is she moving

[Question ID = 152]

1. North

   [Option ID = 605]
2. South

   [Option ID = 606]
3. East

   [Option ID = 607]
4. West

   [Option ID = 608]

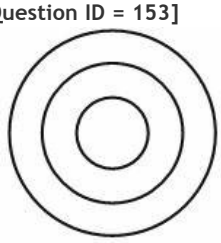
Correct Answer :-

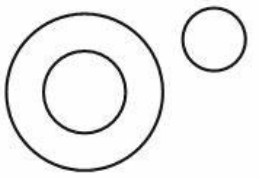
- South

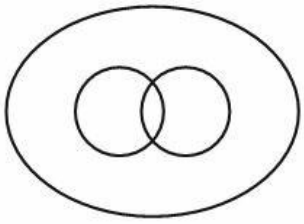
  [Option ID = 606]

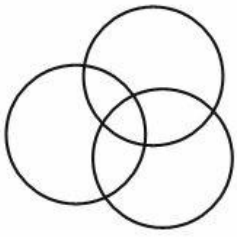
15) Which of the following figures correctly represent the relation between Tall men, Black haired people, Indians

[Question ID = 153]

1. 

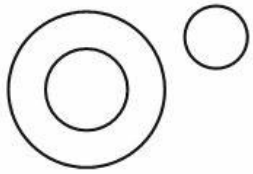
   [Option ID = 609]
2. 

   [Option ID = 610]
3. 

   [Option ID = 611]
4. 

   [Option ID = 612]

Correct Answer :-

- 

[Option ID = 610]

16) Chandrika is 8 ranks ahead of Jaya who ranks twenty sixth in a class of 42. What is Chandrika's rank from the last?
[Question ID = 154]

1. 9th [Option ID = 613]
2. 24th [Option ID = 614]
3. 25th [Option ID = 615]
4. 34th [Option ID = 616]

Correct Answer :-

- 25th [Option ID = 615]

17) X was born on March 6, 2014. The same year Independence Day was celebrated on Friday. On which day X was born?
[Question ID = 155]

1. Wednesday [Option ID = 617]
2. Thursday [Option ID = 618]
3. Friday [Option ID = 619]
4. Saturday [Option ID = 620]

Correct Answer :-

- Wednesday [Option ID = 617]

18) In this question, find out how many such pairs of letters are there in the given word each of which has as many letters between them in the word as in the English alphabet.
CREATIVE
[Question ID = 156]

1. Four [Option ID = 621]
2. Three [Option ID = 622]
3. Two [Option ID = 623]
4. One [Option ID = 624]

Correct Answer :-

- Two [Option ID = 623]

19) Study the following arrangement carefully and answer the question given below.
A B 7 C D 9 Z Y * P Z M © K S 3 ⇑ 5 N T @
How many such digits are there in the sequence each of which is immediately preceded as well as followed by a letter?
[Question ID = 157]

1. None [Option ID = 625]
2. One [Option ID = 626]
3. Two [Option ID = 627]
4. Three [Option ID = 628]

Correct Answer :-

- Two [Option ID = 627]

20) In this question, arrange the given words in a meaningful sequence and then choose the most appropriate sequence from amongst the options provided below the question.

A. Presentation
B. Recommendation
C. Arrival
D. Discussion
E. Introduction

[Question ID = 158]

1. C, E, A, D, B

   [Option ID = 629]
2. C, E, D, B, A

   [Option ID = 630]
3. E, C, A, B, D

   [Option ID = 631]
4. E, C, D, A, B

   [Option ID = 632]

Correct Answer :-

- C, E, D, B, A

  [Option ID = 630]

21) Below a question is given along with two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question.

If a and b are integers, is (a + b) an odd number?

Statement I : 8 < a < 11

Statement II : 7 < b < 10

Choose you answer from the options given below:

[Question ID = 159]

1. If the data in statement I alone are sufficient to answer the question.

   [Option ID = 633]
2. If the data in statement II alone are sufficient to answer the question.

   [Option ID = 634]
3. If the data in statement I and statement II both are necessary to answer the question

   [Option ID = 635]
4. If the data in statement I and statement II together are not sufficient to answer the question.

   [Option ID = 636]

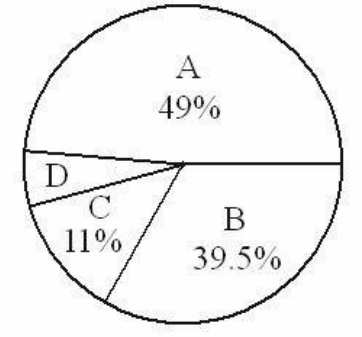
Correct Answer :-

- If the data in statement II alone are sufficient to answer the question.

  [Option ID = 634]

22) Study the graph and answer the question that follows:

The graph indicates the cost of the production of a firm.



A = Raw material cost
B = Packing material cost
C = Fixed manufacturing expenses
D = Labour cost

The total value in rupees of all sectors is 120.0 lakh. If the total labour cost increases to Rs. 2.4 lakh, what percentage increase does it represent?

[Question ID = 160]

1. 25%

   [Option ID = 637]
2. 75%

   [Option ID = 638]
3. 300%

   [Option ID = 639]
4. 400%

   [Option ID = 640]

Correct Answer :-

- 300%

  [Option ID = 639]

23) In this question, there are two statements followed by two conclusions numbered I and II. You have to take the given statement to be true, even if it seems to be at variance with commonly known facts and then decide which of the conclusions logically follow(s) from the given statements.

Statement : No women can vote.
Some women are politicians.

Conclusion : I. Male politicians can vote.
II. Some politicians can vote.

Your answer will be as follows:

[Question ID = 161]

1. If only conclusion I follows

   [Option ID = 641]
2. If only conclusion II follows

[Option ID = 642]

3. If both conclusion I and II follow

[Option ID = 643]

4. If neither conclusion I nor conclusion II follows

[Option ID = 644]

Correct Answer :-

- If only conclusion I follows

[Option ID = 641]

24) In this question, a statement is given which is followed by two conclusions numbered I and II.

You have to assume everything in the statement to be true, then consider the conclusions and decide which of them logically follow(s).

Statement : Fortune favours the brave.

Conclusion : I. Risks are necessary for success.

II. Cowards die many times before their death.

Mark your answer as :

[Question ID = 162]

1. If only conclusion I follows

[Option ID = 645]

2. If only conclusion II follows

[Option ID = 646]

3. If both conclusion I and II follow

[Option ID = 647]

4. If neither conclusion I nor conclusion II follows

[Option ID = 648]

Correct Answer :-

- If both conclusion I and II follow

[Option ID = 647]

25) In this question, there are two statements labelled as Assertive (A) and Reason (R).

Assertion (A) : An electric bulb makes a 'bang' when it is broken.

Reason (R) : The air inside the bulb rushes out immediately on breaking.

Mark your answer as follows:

[Question ID = 163]

1. Both A and R are true and R is the correct explanation of A.

[Option ID = 649]

2. Both A and R are true but R is not the correct explanation of A.

[Option ID = 650]

3. A is true but R is false.

[Option ID = 651]

4. A is false but R is true.

[Option ID = 652]

Correct Answer :-

- A is true but R is false.

[Option ID = 651]

26) In a family, each daughter has the same number of brothers as she has sisters and each son has twice as many sisters as he has brothers. How many sons are there in the family?

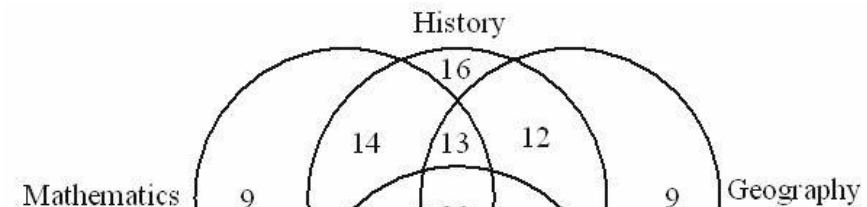
[Question ID = 164]

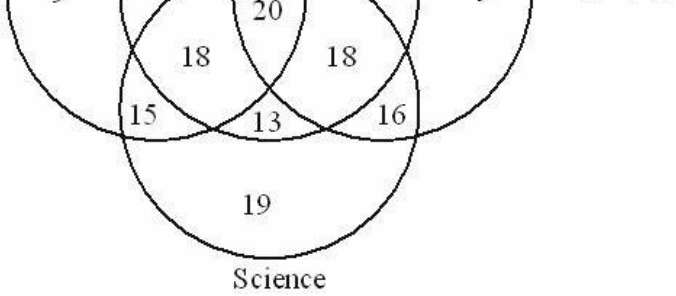
1. 2 [Option ID = 653]
2. 3 [Option ID = 654]
3. 4 [Option ID = 655]
4. 5 [Option ID = 656]

Correct Answer :-

- 3 [Option ID = 654]

27) The diagram indicates the number of students taking different subjects. Which subject was taken by the largest number of students?





[Question ID = 165]

1. Mathematics

   [Option ID = 657]
2. Science

   [Option ID = 658]
3. Geography

   [Option ID = 659]
4. History

   [Option ID = 660]

Correct Answer :-

- Science

  [Option ID = 658]

28) Study the following information and answer the question.
Seven villages A, B, C, D, E, F and G are situated as follows:
E is 2 km to the west of B
F is 2 km to the north of A
C is 1 km to the west of A
D is 2 km to the south of G
G is 2 km to the east of C
D is exactly in the middle of B and E. How far is D from F (in km) as the crow flies?

[Question ID = 166]

1. $\sqrt{5}$

   [Option ID = 661]
2. $2\sqrt{2}$

   [Option ID = 662]
3. $\sqrt{17}$

   [Option ID = 663]
4. $\sqrt{20}$

   [Option ID = 664]

Correct Answer :-

- $\sqrt{17}$

  [Option ID = 663]

29) In this question, choose that set of numbers from the four options, that is similar to the set (63, 49, 35)
[Question ID = 167]

1. (72, 40, 24) [Option ID = 665]
2. (72, 48, 24) [Option ID = 666]
3. (64, 40, 28) [Option ID = 667]
4. (81, 63, 45) [Option ID = 668]

Correct Answer :-

- (72, 40, 24) [Option ID = 665]

30) In this question, a group three interrelated words are given. You have to study the relationship between these words and choose another group with similar relationship from the given options.
Pink : Red : White
[Question ID = 168]

1. Orange : Yellow : Black [Option ID = 669]
2. Green : Blue : Yellow [Option ID = 670]
3. Yellow : Red : Green [Option ID = 671]
4. Brown : Black : Blue [Option ID = 672]

Correct Answer :-

- Yellow : Red : Green [Option ID = 671]

31) The question consists of two words that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.
Wind : Gale
[Question ID = 169]
1. Disgust : Infatuation [Option ID = 673]
2. Storm : Sea [Option ID = 674]
3. Love : Passion [Option ID = 675]
4. Disaster : Calamity [Option ID = 676]

Correct Answer :-
- Love : Passion [Option ID = 675]

32) In this question, four numbers are given. Out of these, three are alike in a certain way and one is different. Choose the one which is different from the rest three.
[Question ID = 170]
1. 5698 [Option ID = 677]
2. 7894 [Option ID = 678]
3. 9865 [Option ID = 679]
4. 8793 [Option ID = 680]

Correct Answer :-
- 7894 [Option ID = 678]

33) In this question, four groups of letters are given, out of which three are alike in a certain way while one is different. Choose the odd one.
[Question ID = 171]
1. B d E g [Option ID = 681]
2. K m N p [Option ID = 682]
3. P r S u [Option ID = 683]
4. T w X z [Option ID = 684]

Correct Answer :-
- K m N p [Option ID = 682]

Topic:- Q1 to Q3

1) Read the following passage and answer the question that follows.
Earth is the only planet so far know with the suitable environment for sustaining life. Man has been tampering with the ecosphere for a long time and is forced to recognize that environmental resources are scarce. Environmental problems are really social problems. They begin with people as cause and end with people as victims. Unplanned use of resources has resulted in the depletion of fossil fuels, pollution of air and water, deforestation which has resulted in ecological imbalance and draining away of national wealth through heavy expenditure on oil and power generation.

Depletion of fossil fuels, pollution of air and water and deforestation will never occur in case of

[Question ID = 172]
1. improper use of resources

   [Option ID = 685]
2. planned use of resources

   [Option ID = 686]
3. unplanned use of resources

   [Option ID = 687]
4. over use of resources

   [Option ID = 688]

Correct Answer :-
- unplanned use of resources

  [Option ID = 687]

2) Choose the word which is most nearly the same in meaning to the word 'VENERATE'.

[Question ID = 173]
1. Defame

   [Option ID = 689]
2. Abuse

   [Option ID = 690]
3. Respect

   [Option ID = 691]
4. Accuse

   [Option ID = 692]

Correct Answer :-

- Abuse

[Option ID = 690]

3) Choose the word which is opposite in meaning to the word 'AUDACIOUS'

[Question ID = 174]

1. Manifest

[Option ID = 693]

2. Obvious

[Option ID = 694]

3. Venture

[Option ID = 695]

4. Cowardly

[Option ID = 696]

Correct Answer :-

- Obvious

[Option ID = 694]

Topic:- Q4 to 34

1) Fill in the blanks by the proper preposition in the sentence
What is the time _____ your watch?
[Question ID = 175]

1. on [Option ID = 697]
2. by [Option ID = 698]
3. in [Option ID = 699]
4. with [Option ID = 700]

Correct Answer :-

- in [Option ID = 699]

2) Fill in the blanks by the same proper word from the given option in both the sentences.
A. The manager is not _____ for his position.
B. In a _____ of anger, the teacher turned him out of the class.
[Question ID = 176]

1. capable [Option ID = 701]
2. fit [Option ID = 702]
3. true [Option ID = 703]
4. qualified [Option ID = 704]

Correct Answer :-

- capable [Option ID = 701]

3) In this question, out of the four options choose the one which can be substituted for the sentence.

One who feels at home in every country

[Question ID = 177]

1. Metropolitan

[Option ID = 705]

2. Cosmopolitan

[Option ID = 706]

3. Citizen

[Option ID = 707]

4. Denizen

[Option ID = 708]

Correct Answer :-

- Citizen

[Option ID = 707]

4) In this question, four options are given for the idiom underlined in the sentence. Choose the one which best expresses the meaning of the idiom.

For his alleged involvement in espionage, he is <u>under a cloud</u> these days.

[Question ID = 178]

1. experiencing cloudy weather

[Option ID = 709]
2. enjoying favourable luck

[Option ID = 710]
3. under suspicion

[Option ID = 711]
4. under observation

[Option ID = 712]

Correct Answer :-

- under suspicion

[Option ID = 711]

5) The following phrase is followed by four options. One of the options best describes its meaning. Select the correct option.

A thing of little or no importance

[Question ID = 179]
1. useless

[Option ID = 713]
2. vague

[Option ID = 714]
3. trifle

[Option ID = 715]
4. twinkling

[Option ID = 716]

Correct Answer :-

- vague

[Option ID = 714]

6) Select the word which is correctly spelt.
[Question ID = 180]
1. VIOLANCE [Option ID = 717]
2. VIOLENCE [Option ID = 718]
3. VOILANCE [Option ID = 719]
4. VOILENCE [Option ID = 720]

Correct Answer :-

- VIOLENCE [Option ID = 718]

7) In this question, a sentence has been given in Active voice. From the given options, choose the one which best expresses the given statement in Passive voice.

The cat drank all the milk.

[Question ID = 181]
1. All the milk was drank by the cat.

[Option ID = 721]
2. All the milk has been drunk by the cat.

[Option ID = 722]
3. All the milk was drunk by the cat.

[Option ID = 723]
4. All the milk had been drunk by the cat.

[Option ID = 724]

Correct Answer :-

- All the milk was drunk by the cat.

[Option ID = 723]

8) In this question, a sentence has been given in Direct form. Out of the four options, select the one which best expresses the same sentence in Indirect form.

He said, “I must go at once”.

[Question ID = 182]
1. He said that he had gone at once.

[Option ID = 725]
2. He said that he had to go at once.

[Option ID = 726]

3. He told if he had to go at once.

[Option ID = 727]

4. He asked to go at once.

[Option ID = 728]

Correct Answer :-

- He said that he had gone at once.

[Option ID = 725]

9) From the given options, identify the tense used in the sentence

"Welcome to the ceremony".

[Question ID = 183]

1. Present perfect tense

[Option ID = 729]

2. Present Indefinite tense

[Option ID = 730]

3. Past indefinite tense

[Option ID = 731]

4. Past perfect tense

[Option ID = 732]

Correct Answer :-

- Past indefinite tense

[Option ID = 731]

10) In this question, six words are given which are denoted by I, II, III, IV, V and VI. By using all the six words, each only once, you have to frame a meaningful and grammatically correct sentence. The correct order of the words is your answer, to be chosen by you from the given options.

I. it; II. wanted; III. not; IV. you; V. is; VI. what

[Question ID = 184]

1. VI, IV, II, V, I, III

[Option ID = 733]

2. V, I, III, VI, IV, II

[Option ID = 734]

3. VI, V, III, IV, I, II

[Option ID = 735]

4. VI, V, II, I, III, IV

[Option ID = 736]

Correct Answer :-

- VI, V, III, IV, I, II

[Option ID = 735]

11) In this question, a pair of words is given with certain relationship followed by four pairs of words. Choose the pair that best expresses a relationship similar to that expressed in the original pair.

MAN : HUMANITY

[Question ID = 185]

1. Drop : Ocean

[Option ID = 737]

2. Flower : Fragrance

[Option ID = 738]

3. Scholar : Books

[Option ID = 739]

4. Frame : Picture

[Option ID = 740]

Correct Answer :-

- Flower : Fragrance

[Option ID = 738]

12) In this question, a sentence has been split into four parts denoted as P, Q, R and S. These parts are jumbled up. Rearrange the jumbled parts to make a meaningful sentence.

P. far beyond that any minory communalism can
Q. that in a democratic set-up like India,
R. and this for the simple reason
S. majority communalism can acquire power

[Question ID = 186]

1. S R P Q

   [Option ID = 741]

2. Q R S P

   [Option ID = 742]

3. R Q P S

   [Option ID = 743]

4. R Q S P

   [Option ID = 744]

Correct Answer :-

- Q R S P

  [Option ID = 742]

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13) Certain parts in the following sentence are underlined. One of the parts has an error. Identity that part from the given options.

She is not one of those who is so foolish.

[Question ID = 187]

1. She is not

   [Option ID = 745]

2. one of

   [Option ID = 746]

3. who is

   [Option ID = 747]

4. so foolish

   [Option ID = 748]

Correct Answer :-

- who is

  [Option ID = 747]

---

14) In this question, there are two sentences I and II, each having a black, followed by four words. Select only one word which fills both the blanks.

I. The company has agreed in _____ to our suggestion.
II. The equipment works on the _____ of Archimedes.

[Question ID = 188]

1. general

   [Option ID = 749]

2. view

   [Option ID = 750]

3. principle

   [Option ID = 751]

4. basis

   [Option ID = 752]

Correct Answer :-

- general

  [Option ID = 749]

---

15) Read the following passage and answer the question that follows.

There are many types of protein molecules in the body, and each type is specific to its function. For example, proteins such as keratin and collagen give strength and elasticity to hair, as well as to skin and tendons; haemoglobin and myoglobin are the oxygen-binding proteins of the blood and the muscle respectively; and ovalbumin, the principal protein off egg white is responsible for setting and foaming properties of eggs. A particularly important group of proteins know as enzymes, direct all the body cells to produce chemical reactions. These reactions provide the basis of every type of cell activity, including growth, repair, the production of energy and the excretion of waste products.

Proteins are classified according to

[Question ID = 189]

1. the number of molecules

   [Option ID = 753]
2. their names

   [Option ID = 754]
3. their functions

   [Option ID = 755]
4. the part of the body they are found in

   [Option ID = 756]

Correct Answer :-

- their functions

  [Option ID = 755]

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16) In this question, each option has a pair of words. Each pair consists of words which are more or less similar in meaning (synonyms). However, one pair of words may be wrong. Select the pair which is wrong.

[Question ID = 190]

1. Danger : Peril [Option ID = 757]
2. Infringe : Break [Option ID = 758]
3. Indulge : Deny [Option ID = 759]
4. Luxury : Pleasure [Option ID = 760]

Correct Answer :-

- Indulge : Deny [Option ID = 759]

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17) In this question, word pairs consist of words which are opposite in meaning to each other (antonyms). Select the pair which consist of words which are not opposite in meaning.

[Question ID = 191]

1. Obnoxious : Free [Option ID = 761]
2. Numb : Active [Option ID = 762]
3. Excitable : Calm [Option ID = 763]
4. Exquisite : Delicate [Option ID = 764]

Correct Answer :-

- Numb : Active [Option ID = 762]

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18) Fill in the blanks by the proper preposition in the sentence

I have not seen him _____ a long time.

[Question ID = 192]

1. since

   [Option ID = 765]
2. from

   [Option ID = 766]
3. for

   [Option ID = 767]
4. by

   [Option ID = 768]

Correct Answer :-

- from

  [Option ID = 766]

---

19) Fill in the blanks by proper word in the sentence.

He was frightened _____.

[Question ID = 193]

1. to be killed

   [Option ID = 769]
2. for being killed

   [Option ID = 770]
3. from being killed

   [Option ID = 771]
4. of being killed

   [Option ID = 772]

Correct Answer :-

- from being killed

[Option ID = 771]

20) In this question, Out of the four options choose the one which can be substituted for the sentence.

A general pardon granted by the Government to political offenders

[Question ID = 194]

1. pardon

   [Option ID = 773]
2. excuse

   [Option ID = 774]
3. honesty

   [Option ID = 775]
4. amnesty

   [Option ID = 776]

Correct Answer :-

- pardon

[Option ID = 773]

21) In the following sentence, an idiom is underlined and is followed by four options of the words. Select from the options, the one which is nearest to the underlined idiom.

He was <u>all at sea</u> when he began his new job.

[Question ID = 195]

1. happy

   [Option ID = 777]
2. sad

   [Option ID = 778]
3. puzzled

   [Option ID = 779]
4. triumphant

   [Option ID = 780]

Correct Answer :-

- puzzled

[Option ID = 779]

22) In the following sentence, a phrase is underlined and is followed by four options of the words. Select from the options of the words. Select from the options, the one which is nearest in meaning to the underlined phrase.

Those who work <u>by fits and starts</u> seldom show good results.

[Question ID = 196]

1. rarely

   [Option ID = 781]
2. disinterestedly

   [Option ID = 782]
3. irregularly

   [Option ID = 783]
4. regularly

   [Option ID = 784]

Correct Answer :-

- irregularly

[Option ID = 783]

23) In this question, select the word which is incorrectly spelt.

[Question ID = 197]

1. DIAGNOSIS [Option ID = 785]
2. DIFFICULTIES [Option ID = 786]
3. ESSENTIALLY [Option ID = 787]
4. CURRICULER [Option ID = 788]

Correct Answer :-

- DIFFICULTIES [Option ID = 786]

24) In the question, a sentence has been given in Active voice. Out of the four options, select the one which best expresses the same sentence in Passive voice.

Who wrote it?

[Question ID = 198]

1. By who will it be written?

   [Option ID = 789]
2. By who would it be written?

   [Option ID = 790]
3. By whom might it be written?

   [Option ID = 791]
4. By whom was it written?

   [Option ID = 792]

Correct Answer :-

- By who would it be written?

  [Option ID = 790]

25) In this question, a sentence has been given in Indirect form. Out of the four options suggested, select the one which best expresses the same sentence in Direct form.

He says that he is very sorry.

[Question ID = 199]

1. He said, “He was very sorry”.

   [Option ID = 793]
2. He says, “I am very sorry”.

   [Option ID = 794]
3. He said, “He is very sorry”.

   [Option ID = 795]
4. He told me, “I felt sorry”.

   [Option ID = 796]

Correct Answer :-

- He said, “He is very sorry”.

  [Option ID = 795]

26) From the given options, identify the tense used in the sentence

“Everyone shall be reaching by tomorrow.”

[Question ID = 200]

1. Future Indefinite tense

   [Option ID = 797]
2. Present continuous tense

   [Option ID = 798]
3. Future perfect continuous tense

   [Option ID = 799]
4. Future continuous tense

   [Option ID = 800]

Correct Answer :-

- Future Indefinite tense

  [Option ID = 797]

27) In this question, six words are given which are denoted by I, II, III, IV, V and VI. By using all six words, each only once, you have to frame a meaningful and grammatically correct sentence. The correct order of the words is your answer, to be chosen by you from the given options.

I. development; II. are; III. routes; IV. there; V. of; VI. three

[Question ID = 201]

1. VI, II, IV, III, V, I

   [Option ID = 801]
2. III, V, I II, IV, VI

[Option ID = 802]

3. III, V, VI, II, I, IV

[Option ID = 803]

4. IV, II, VI, III, V, I

[Option ID = 804]

Correct Answer :-

- III, V, VI, II, I, IV

[Option ID = 803]

28) In this question, a related pair of words is followed by four pair of words. Select the pair that best expresses a relationship similar to that expressed in the original pair.

LIQUEFY : PETRIFY

[Question ID = 202]

1. Melt : Freeze

[Option ID = 805]

2. Soften : Frighten

[Option ID = 806]

3. Cash : Invest

[Option ID = 807]

4. Blend : Separate

[Option ID = 808]

Correct Answer :-

- Cash : Invest

[Option ID = 807]

29) In this question, a sentence has been split into four parts denoted as P, Q, R and S. These parts are jumbled up. Rearrange the jumbled parts to make a meaningful sentence.

P. among ordinary people to see health as a
Q. is that there is an increasing tendency
R. right and responsibility
S. the only hopeful sign in such a situation

[Question ID = 203]

1. P R S Q

[Option ID = 809]

2. S Q P R

[Option ID = 810]

3. R Q S P

[Option ID = 811]

4. S Q R P

[Option ID = 812]

Correct Answer :-

- S Q P R

[Option ID = 810]

30) Certain parts in the following sentence are underlined. One of the parts has an error. Identity that part from the given options.

Mr. Gupta, our Chairman, accompanied by his secretary have arrived at the office.

[Question ID = 204]

1. accompanied

[Option ID = 813]

2. his secretary

[Option ID = 814]

3. have

[Option ID = 815]

4. at the office

[Option ID = 816]

Correct Answer :-

- his secretary

[Option ID = 814]

31) In this question, there are two sentences I and II, each having a black, followed by four words, Select only one word which fills both the blanks.

I. The child sat _____ through the long sermon.
II. We have _____ to receive the documents.

[Question ID = 205]

1. quiet

   [Option ID = 817]
2. quietly

   [Option ID = 818]
3. still

   [Option ID = 819]
4. out

   [Option ID = 820]

Correct Answer :-

- quietly

  [Option ID = 818]