Aptitude Question

Q. No.1) In how many different ways can the letters of the word 'MATHEMATICS' be arranged so that the vowels always come together?

  10080

  4989600

  120960

  None of these

Answer: Option C

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Q. No.2) The value of log2 16 is?

  1/8

  4

  8

  16

Answer: Option B

Q. No.3) The average age of 15 students of a class is 15 years. Out of these, the average age of 5 students is 14 years and that of the other 9 students is 16 years. Tee age of the 15th student is:

  11 years

  14 years

  15 years

  15 2/7 years

Answer: Option A

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Q. No.4) A loan was repaid in two annual instalments of Rs. 112 each. If the rate of interest be 10% per annum compounded annually, the sum borrowed was:

  Rs.200

  Rs.210

  Rs. 217.80

  RS.280

Answer: Option B
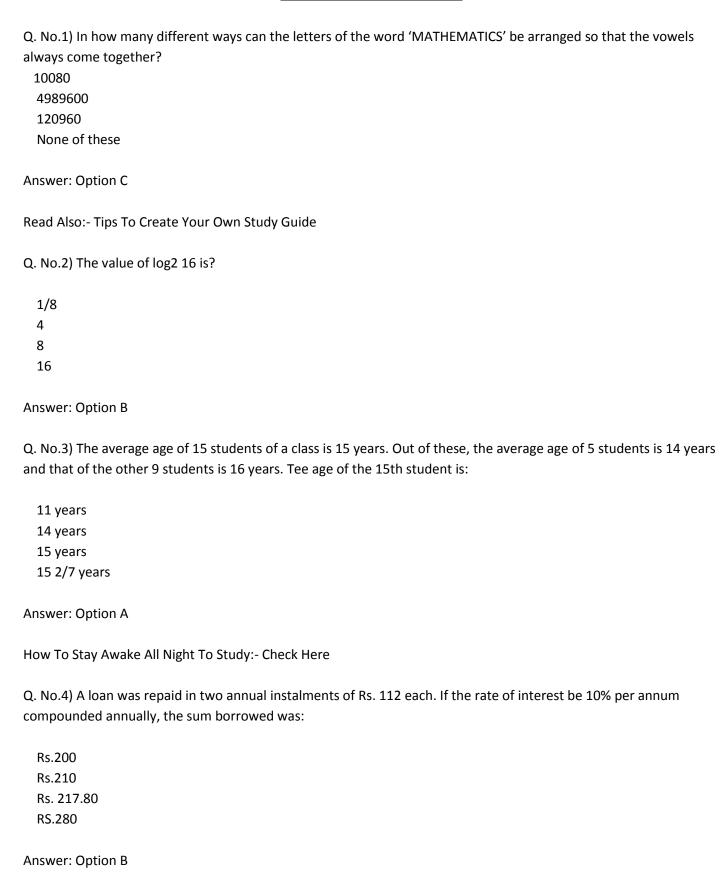
Q. No.5) $[(\sqrt{7} + \sqrt{5}) / ((\sqrt{7} - \sqrt{5})] + [(\sqrt{7} - \sqrt{5}) / (\sqrt{7} + \sqrt{5})] = ?$

A. 6

B. 12

C. 14

D. 18

Answer: Option B

Q. No.6) If x = √8 – √7, y = √6 – √5 and z = √10 – 3, which of the following is true?

A. x < z < y

B. z < x < y

C. x < y < z

D. z < y < x

E. None of these

Answer: Option B

Q. No.7) A, B and C start at the same time in the same direction to run around a circular stadium. A completes a round in 252 seconds, B in 308 seconds and C in 198 seconds, all starting at the same point. After what time will they meet again at the starting point?

A. 26 min 18 sec

B. 42 min 36 sec

C. 45 min

D. 46 min 12 sec

Answer: Option D

Q. No.8) Out of 15 consecutive numbers, 2 are chosen at random. The probability that they are both odds and both primes is -.

A. 10/17

B. 10/19

C. 46/105

D. 11/15

E. Cannot be determined

Answer: Option E

Q. No.9) 10 books are placed at random in a shelf. The probability that a pair of books will always be together is -.

A. 1/10

B. 9/10

C. 1/5

D. 3/10

E. 1/2

Answer: Option C

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Q. No.10) If x = 3 − √7, then find the value of x + 1/x.

A. 1/2 (9 + √7)

B. 1/2 (9 − √7)

C. 1/2 (7 + √10)

D. 1/2 (7 − √10)

Answer: Option B

Q. No.11) EMBEZZLE (Synonym)

   Misappropriate
   Balance
   Remunerate
   Clear

Answer: Option A

Q. No.12) The great dancer impressed the appreciative crowd by his nimble movements.

   Un Rhythmic
   Lively
   Quickening
   Clear

Answer: Option C

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Q. No.13) The master

P: who was very loyal to him

Q: punished the servant

R: without giving any valid reason

S: when he left the work unfinished

The Proper sequence should be:

A.   RQPS

B.   RQSP

C.   QPSR

D.   QRPS

Answer: Option C

Q. No.14) The government has formed a high-level infra-finance committee under the chairmanship of

   YV Reddy
   Rakesh Mohan
   C Rangarajan
   YK Alagh

Answer: Option B

Q. No.15) Durgapur Steel Plant was constructed in collaboration with

   Britain
   France
   USA
   Germany

Answer: Option A

Q. No.16) Name the Indian Chess player who has broken the World Record by finishing the game in first twelve moves?

A.   Vishwanathan Anand

B.   Champa Bose

C.   Sakunthala Devi

D.   Praveen Thipsey

Answer: Option A

Read Also:- Common Mistakes You Make in Tests

Q. No.17) Susi Susanti, held the Grand Slam title in which of the following games

A.   Lawn Tennis

B.   Tennis

C.   Badminton

D.   volley ball

Answer & Explanation

Answer: Option C

Q. No.18) The term 'Butterfly Stroke' is associated with

A.   Wrestling

B.   Boxing

C.   Kabaddi

D.   Swimming

Answer: Option D

Q. No.19) Crame Trophy Tennis final held in May 2003 was played between

A.   Leander Paes and David Rickle

B.   John McEnore and David Rickle

C.   Boris Becker and John McEnroe

D.   Boris Becker and Leander Paes

Answer: Option C

Q. No.20) The Turko-Afghan rule in India lasted for about

A.   two centuries

B.   three centuries

C.   four centuries

D.   a little over one century

Answer: Option B

Q. No.21) The term Nirgrantha is associated with

A.   Ajivikas

B.   Charvakas

C.   Jainas

D.   Pasupatas

Answer: Option C

Read This:- Tips to Overcome Exam Fear

Q. No.22) Universities in the Presidency towns in India were established in

A.   1857

B.   1858

C.   1900

D.   1909

Answer: Option A

Q. No.23) Hitler party which came into power in 1933 is known as

A.   Labour Party

B.   Nazi Party

C.   Ku-Klux-Klan

D.   Democratic Party

Answer: Option B

Q. No.24) Among A, B, C, D, E and F, who is the heaviest?

Statements:

   A and D are heavier than B, E and F but none of them is the heaviest.
   A is heavier than D but lighter than C.

A.   I alone is sufficient while II alone is not sufficient

B.   II alone is sufficient while I alone is not sufficient

C.   Either I or II is sufficient

D.   Neither I nor II is sufficient

E.   Both I and II are sufficient

Answer: Option A

Q. No.25) How is 'DATE' written in the code language ?

Statements:

   DEAR is written as $#@? in that code.
   TREAT is written as %?#@% in that code.
   TEAR is written as %#@? in that code.
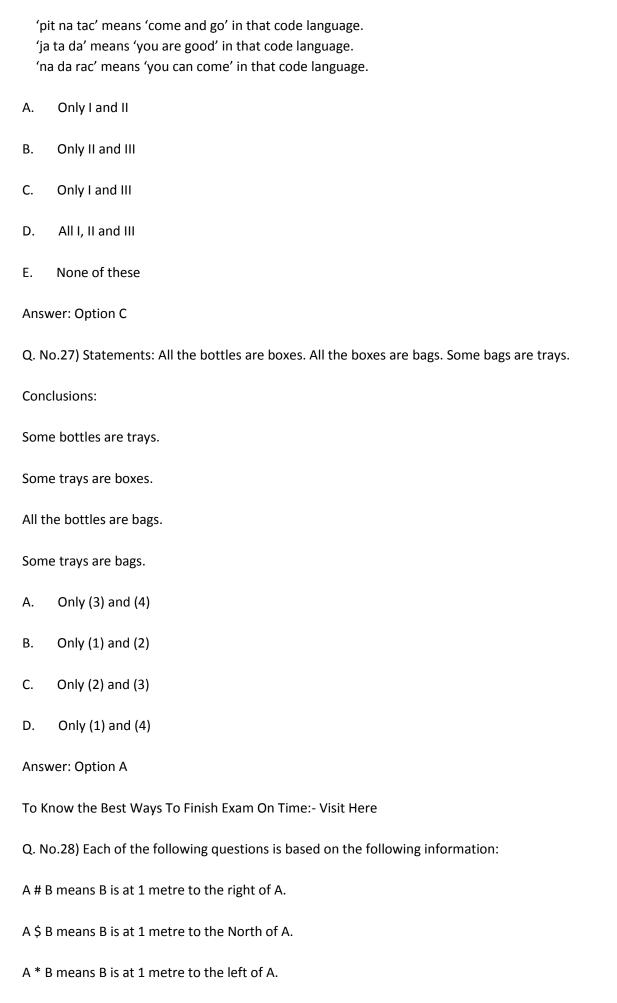
A.   Only I and II

B.   Only II and III

C.   All I, II and III

D.   Only I and either II or III

E.   None of these

Answer: Option D

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Q. No.26) What does 'come' represent in a code language ?

Statements:

'pit na tac' means 'come and go' in that code language.

'ja ta da' means 'you are good' in that code language.

'na da rac' means 'you can come' in that code language.

A.   Only I and II

B.   Only II and III

C.   Only I and III

D.   All I, II and III

E.   None of these

Answer: Option C

Q. No.27) Statements: All the bottles are boxes. All the boxes are bags. Some bags are trays.

Conclusions:

Some bottles are trays.

Some trays are boxes.

All the bottles are bags.

Some trays are bags.

A.   Only (3) and (4)

B.   Only (1) and (2)

C.   Only (2) and (3)

D.   Only (1) and (4)

Answer: Option A

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Q. No.28) Each of the following questions is based on the following information:

A # B means B is at 1 metre to the right of A.

A $ B means B is at 1 metre to the North of A.

A * B means B is at 1 metre to the left of A.

A @ B means B is at 1 metre to the south of A.

In each question first person from the left is facing North.

1. According to X @ B * P, P is in which direction with respect to X?

A.   North

B.   South

C.   North-East

D.   South-West

Answer: Option D

2. According to P # R $ A * U, in which direction is U with respect to P ?

A.   East

B.   West

C.   North

D.   South

Answer: Option C

Q. No.29) Six girls are sitting in a circle facing to the centre of the circle. They are P, Q, R, S, T and V. T is not between Q and S but some other one. P is next to the left of V. R is 4th to the right of P.

Which of the following statement is not true ?

A.   S is just next to the right to R

B.   T is just next to the right of V

C.   R is second to the left of T

D.   P is second to the right of R

Answer: Option C

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Q. No.30) Each of these questions is based on the following information:

   M % N means M is the son of N.

M @ N means M is the sister of N.

M $ N means M is the father of N.

Which of the following shows the relation that C is the granddaughter of E?

A.   C % B $ F $ E

B.   B $ F $ E % C

C.   C @ B % F % E

D.   E % B $ F $ C

Answer: Option C