

Question Paper Preview

Notations :

1. Options shown in green color and with ✓ icon are correct.
2. Options shown in red color and with ✗ icon are incorrect.

Question Paper Name:	RRB Level 1 26th Nov 2018 Shift2
Subject Name:	Level 1
Duration:	90
Total Marks:	100
Display Marks:	No
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No
Show Watermark on Console?:	Yes
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 3026162301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

HCF of 2.4, 3.2, and 16.0 is:

Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Options :

1. 0.08
2. 0.05
3. 12
4. 0.23

Question Number : 2 Question Id : 3026162302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the value of $\sqrt{\frac{1694}{?}} + 14 = 25$.

Options :

- 1. ✖ 15
- 2. ✖ 16
- 3. ✔ 14
- 4. ✖ 11

Question Number : 3 Question Id : 3026162303 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Two ropes of lengths 48 m and 81 m are to be cut into pieces such that all are of the same length. What would be the maximum possible length of each piece?

Options :

- 1. ✖ 2 m
- 2. ✔ 3 m
- 3. ✖ 6 m
- 4. ✖ 9 m

Question Number : 4 Question Id : 3026162304 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

If one oil tin can hold $61\frac{2}{3}$ litres of oil, how many litres of oil can 31 such tins hold?

Options :

- 1. ✖ $1891\frac{2}{3}$
- 2. ✖ $1971\frac{2}{3}$
- 3. ✔ $1911\frac{2}{3}$
- 4. ✖ $1981\frac{2}{3}$

Question Number : 5 Question Id : 3026162305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The sum of two rational numbers is -7 . If one of the numbers is $-\frac{12}{5}$, what is the other number?

Options :

1. ☒ $-4\frac{3}{5}$

2. ☐ $4\frac{3}{5}$

3. ☐ $-2\frac{2}{5}$

4. ☐ $2\frac{2}{5}$

Question Number : 6 Question Id : 3026162306 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A train stops at every sixth station while a second train stops at every eighth. They start their journeys from the same station, travel on the same route and end their journey after another 400 stations. At how many of the stations on the way, excluding the final destination, did both the trains stop?

Options :

1. ☒ 16

2. ☐ 15

3. ☐ 17

4. ☐ 18

Question Number : 7 Question Id : 3026162307 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

$61 \times 47 = 2867$. What is the HCF of 8601 and 282?

Options :

1. ☐ 123

2. ☐ 47

3. ☐ 41

4. ☒ 141

Question Number : 8 Question Id : 3026162308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

How many factors of $2^5 \times 3^4 \times 5^6 \times 7^3$ are odd?

Options :

1. ✖ 288
2. ✖ 144
3. ✔ 140
4. ✖ 72

Question Number : 9 Question Id : 3026162309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

₹ 975 was invested for 15 years @ 4% simple interest per annum. The interest accrued would be _____.

Options :

1. ✖ ₹ 595
2. ✔ ₹ 585
3. ✖ ₹ 587.5
4. ✖ ₹ 582.5

Question Number : 10 Question Id : 3026162310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

After buying a shirt for ₹ 995, X sold it at a profit of 20%. The selling price of the shirt was ₹ _____.

Options :

1. ✔ 1194
2. ✖ 1164
3. ✖ 1098
4. ✖ 1185

Question Number : 11 Question Id : 3026162311 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A man borrowed ₹ 750 at an annual rate of interest of 4% and ₹ 700 at annual rate of interest of 5%. If he gives ₹ 195 as interest, then for how much time did he borrow the money?

Options :

1. ✖ 5 years

2. ✓ 3 years

3. ✗ 2 years

4. ✗ 7 years

Question Number : 12 Question Id : 3026162312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A sum of money when invested for 3 years @ 8 % simple interest p.a becomes ₹ 744 on maturity. The sum invested was?

Options :

1. ✓ ₹ 600

2. ✗ ₹ 625

3. ✗ ₹ 620

4. ✗ ₹ 640

Question Number : 13 Question Id : 3026162313 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

36 persons working 8 hour/day construct a 120-m road in 6 days. What would be the total length of the road if 6 more men join in the construction work, the working hours are increased by 4 hour/day and they work for 9 more days?

Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Options :

1. 350 m

2. 435 m

3. 380 m

4. 440 m

Question Number : 14 Question Id : 3026162314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Manish alone can do a piece of work in 60 days and Aniket alone can do the same piece of work in 75 days. With the help of Vijay, they do the same piece of work in 25 days, all working together. How long will it take Vijay alone to do the same piece of work?

Options :

1. ✗ 90 days

2. ✖ 80 days
3. ✖ 120 days
4. ✔ 100 days

Question Number : 15 Question Id : 3026162315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Two cars run to a place at the speeds of 45 km/hr and 60 km/hr respectively. If the second car takes 5 hrs less than the first for the journey, find the distance of the journey.

Options :

1. ✖ 600 km
2. ✖ 750 km
3. ✖ 800 km
4. ✔ 900 km

Question Number : 16 Question Id : 3026162316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The length of one side of a rhombus is 7 cm and one of its diagonals is 10 cm. The length of the other diagonal will be _____ cm.

Options :

1. ✖ $2\sqrt{6}$
2. ✔ $4\sqrt{6}$
3. ✖ $\frac{\sqrt{24}}{2}$
4. ✖ $\sqrt{51}$

Question Number : 17 Question Id : 3026162317 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A rectangular lawn is 80 metres long and 50 metres wide. A path 1 meter wide has been laid around it. The area of the path is:

Options :

1. ✖ 362 sq. m

2. ✖ 4000 sq. m

3. ✔ 264 sq. m

4. ✖ 4264 sq. m

Question Number : 18 Question Id : 3026162318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A can complete one-third of a piece of work in 6 days and B can finish the same work in 24 days. In how many days can both working together complete the work?

Options :

1. ✖ $10\frac{3}{7}$ days

2. ✔ $10\frac{2}{7}$ days

3. ✖ $\frac{75}{7}$ days

4. ✖ $\frac{76}{7}$ days

Question Number : 19 Question Id : 3026162319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A rectangle with length 14 cm and width 3 cm is rotated about its length by 300° . What is the volume of the shape thus generated? (Use $\pi = \frac{22}{7}$)

Options :

1. ✖ 440 cm^3

2. ✖ 770 cm^3

3. ✖ 792 cm^3

4. ✔ 330 cm^3

Question Number : 20 Question Id : 3026162320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The perimeter of a rectangular field is 2.5 km. The greatest possible area it may contain is:

Options :

1. ✖ 37.0625 hectare

2. ✖ 38.0625 hectare

3. ✖ 36.0625 hectare

4. ✔ 39.0625 hectare

Question Number : 21 Question Id : 3026162321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

For two concentric circles with radii 15 cm and 20 cm, a chord of the bigger circle is a tangent to the smaller circle. Find the length of the chord in cm.

Options :

1. ✖ $5\sqrt{7}$

2. ✖ $7\sqrt{10}$

3. ✔ $10\sqrt{7}$

4. ✖ $10\sqrt{5}$

Question Number : 22 Question Id : 3026162322 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The angle of elevation of the top of a 69 feet tall tower from the initial position of a person on the ground was 30° . She walked towards the tower in a manner that the foot of the tower, her initial position and the final position were all in the same straight line. The angle of elevation of the top of the tower from her final position was 60° . How much did she walk from her initial position?

Options :

1. ✖ 46 feet

2. ✔ $46\sqrt{3}$ feet

3. ✖ $23\frac{\sqrt{3}}{3}$ feet

4. ✖ $23\sqrt{3}$ feet

Question Number : 23 Question Id : 3026162323 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

$\log_{10} 2 = a$, $\log_{10} 3 = b$, then find $\log_{10} \frac{128}{15}$

Options :

1. ✖ $8a + b - 1$

2. ✓ $8a - b - 1$

3. ✗ $8a + b + 1$

4. ✗ $8a - b + 1$

Question Number : 24 Question Id : 3026162324 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A bag costs ₹ 234 and an umbrella costs ₹ 408. If a person buys certain number of bags and 2 umbrellas for ₹ 3858, find how many bags were purchased?

Options :

1. ✗ 9

2. ✗ 11

3. ✓ 13

4. ✗ 15

Question Number : 25 Question Id : 3026162325 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In a class of 40 students, the ratio of boys and girls is 2:3. The average marks of the whole class is 66. If the average marks of the boys 60, what is average marks of the girls?

Options :

1. ✗ 67

2. ✗ 68

3. ✓ 70

4. ✗ 72

Question Number : 26 Question Id : 3026162326 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In a certain code language, 85729 is written as ZEGYI and 2346 is written as YCDF, then how will 823459 be written in that language?

Options :

1. ✗ ZYDCFI

2. ✗ ZYDCEI

3. ✗ ZYCDFI

4. ✓ ZYCDEI

Question Number : 27 Question Id : 3026162327 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Love is related to Hate in the same way as Plenty is related to _____.

Options :

1. ✓ Scarcity
2. ✗ More
3. ✗ Enough
4. ✗ Many

Question Number : 28 Question Id : 3026162328 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Introducing a man, Keerthana said, "His father-in-law's father is my father-in-law". How is that man related to Keerthana?

Options :

1. ✗ Husband
2. ✓ Son-in-law
3. ✗ Son
4. ✗ Brother

Question Number : 29 Question Id : 3026162329 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Consider the following statements to be true even if they seem to be at variance from commonly known facts and decide which of the conclusions logically follows from the statements.

Statements:

- All the singers are dancers.
- All the dancers are cute.

Conclusions:

1. All the singers are cute.
2. Some of the dancers are singers.

Options :

1. ✖ Only conclusion 1 follows
2. ✖ Only conclusion 2 follows
3. ✖ Either conclusion 1 or 2 follows
4. ✔ Both conclusions 1 and 2 follow

Question Number : 30 Question Id : 3026162330 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Study the following information carefully and answer the question given below:

Following are the conditions for admitting students for a Programme in Management.

The Applicant must:

- (i) not be less than twenty four years as on 1.12.2016.
- (ii) Be a post graduate in any discipline with at least 65% marks.
- (iii) Have passed the written test with at least 60% marks.
- (iv) Have work experience of at least 6 months after completing post-graduation.

In the case of an applicant who fulfils all other conditions except:

- (a) (ii) as given above, but has completed Master's degree, his/her case is to be referred to the Director.
- (b) (iii) as given above, but has work experience of more than 2 years, his/her case is to be referred to the Registrar.

Question:

Nidhi was born on 05-03-1986. She has secured 85% marks in the written test and 55% marks in post-graduation. She has been working for the past 1 year. What would be the appropriate decision to be taken in her case?

Options :

1. ✖ The case is to be referred to the Registrar.
2. ✔ The case is to be referred to the Director.
3. ✖ The applicant will not be admitted.
4. ✖ The information provided is inadequate to take a decision.

Question Number : 31 Question Id : 3026162331 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

If COFFEE is coded as FOCEE, then POLITE will be coded as:

Options :

1. ✖ PLOITE
2. ✖ OLPTIE
3. ✔ LOPETI
4. ✖ LOPTGI

Question Number : 32 Question Id : 3026162332 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Read the given statements and conclusions carefully and select which of the conclusions logically follow(s) from the statements.

Statements: In T-20 cricket match, the total runs made by a team was 190. 100 runs were made by bowlers.

Conclusions:

- I. 70% of the team consists of bowlers.
- II. The opening batsmen were bowlers.

Options :

1. ✖ Only conclusion I follows
2. ✖ Only conclusion II follows
3. ✔ Neither I nor II follows
4. ✖ Both I and II follow

Question Number : 33 Question Id : 3026162333 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Read the given statements and conclusions carefully and select which of the conclusions logically follow(s) from the statements.

Statements:

All women are angels. All angels are flowers.

Conclusions:

- I. All women are flowers.
- II. All flowers are women.

Options :

1. ✔ Only conclusion I follows

2. ✖ Only conclusion II follows
3. ✖ Either conclusion I or II follows
4. ✖ Neither conclusion I nor II follows

Question Number : 34 Question Id : 3026162334 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Read the following statement and decide which of the conclusions logically follows from the statement.

Statement:

"Sitting straight and working helps reduce back pain," said the doctor to his patient.

Conclusion:

- I. Sitting straight is good for back health.
- II. Slouching creates back pain.

Options :

1. ✔ Conclusion I alone follows
2. ✖ Conclusion II alone follows
3. ✖ Both the conclusions follow
4. ✖ Neither conclusion I nor II follows

Question Number : 35 Question Id : 3026162335 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Consider the statements and the following assumptions and decide which of the assumptions is/are implicit in the statement

Statement:

A school decided to raise awareness on planting trees, so it organised an event in the local area.

Assumptions:

- I. Events increase awareness levels
- II. This event would inspire the local public to plant trees

Options :

1. ✖ Only I is implicit

2. ✖ Only II is implicit
3. ✔ Both I and II are implicit
4. ✖ Neither I nor II is implicit

Question Number : 36 Question Id : 3026162336 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the Missing letter in the series

Q, L, H, ? C

Options :

1. ✖ M
2. ✖ K
3. ✔ E
4. ✖ O

Question Number : 37 Question Id : 3026162337 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

If '+' means '-', '-' means 'x', 'x' means '÷' and '÷' means '+', then which of the following will be the value of the expression

$$252 \times 9 - 5 + 32 \div 92?$$

Options :

1. ✔ 200
2. ✖ 250
3. ✖ 100
4. ✖ 225

Question Number : 38 Question Id : 3026162338 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the next term in the following series.

A1C3, E5G7, _____

Options :

1. ✔ I9K11

2. ✖ I8K10

3. ✖ K11I9

4. ✖ K10I8

Question Number : 39 Question Id : 3026162339 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

If 5678 is written as EFGH and 9101112 is IJKL find the code for EXAM.

Options :

1. ✔ 524113

2. ✖ 5234113

3. ✖ 524112

4. ✖ 525114

Question Number : 40 Question Id : 3026162340 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Read the given question and decide which of the following statements is/are sufficient to answer the question.

Question:

What is the total age of Lata and Geeta?

Statements:

1. Lata is 13 years old now.

2. Geeta is the younger sister of Lata.

Options :

1. ✖ Statement 1 alone is sufficient.

2. ✖ Statement 2 alone is sufficient.

3. ✔ Statements 1 and 2 together are insufficient.

4. ✖ Statements 1 and 2 together are sufficient.

Question Number : 41 Question Id : 3026162341 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

Laila has seven hairpins of four different shades. Find how many golden pins she has?

Statements:

1. There are 2 silver clips.
2. The number of golden pins are half the number of black pins.

Options :

1. ✖ Statement 1 alone is sufficient.
2. ✖ Statement 2 alone is sufficient.
3. ✖ Statement 1 and 2 together are not sufficient.
4. ✔ Statements 1 and 2 together are sufficient.

Question Number : 42 Question Id : 3026162342 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Vanita invested ₹ 1,00,000 in her friend's business. She was promised a yearly return of 25% more on the capital. At the end of 1st year the friend gave only ₹ 1,50,000. How much percentage has Vanita gained in this venture?

Options :

1. ✖ 40%
2. ✖ 70%
3. ✖ 30%
4. ✔ 50%

Question Number : 43 Question Id : 3026162343 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the statements is sufficient to answer the question?

Question:

Find the value of z .

Statements:

1) $z = 7x + y$

2) $x = 3 + y$; $y = -2$

Options :

1. ✖ Only statement 1 is sufficient
2. ✖ Only statement 2 is sufficient
3. ✔ Both statements 1 and 2 are sufficient
4. ✖ Either statements 1 or 2 is sufficient

Question Number : 44 Question Id : 3026162344 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Identify the number that will complete the given series.

1, 3, 5, 6, 14, 10, 30, 15, 55, 21, 91, 28, ?

Options :

1. ✔ 140
2. ✖ 117
3. ✖ 120
4. ✖ 133

Question Number : 45 Question Id : 3026162345 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Run is related to Fast in the same way as Walk is related to:

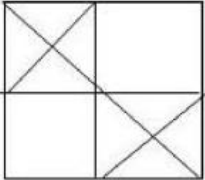
Options :

1. ✖ Run
2. ✖ Go

3. ✓ Brisk

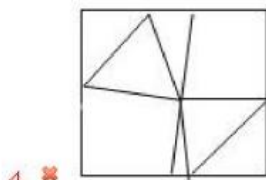
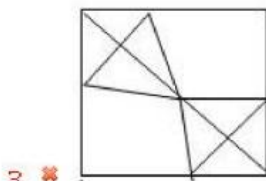
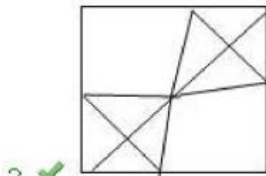
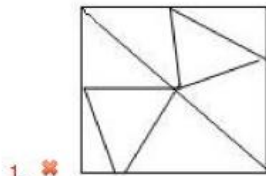
4. ✗ Meet

Question Number : 46 Question Id : 3026162346 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical



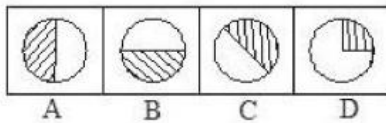
Choose the correct mirror-image for the following:

Options :



Question Number : 47 Question Id : 3026162347 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the odd figure out from among the following figures.



Options :

1. ✖ A

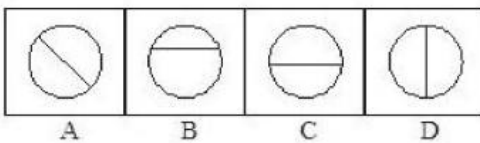
2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 48 Question Id : 3026162348 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Choose the odd one out from among the following figures.



Options :

1. ✖ A

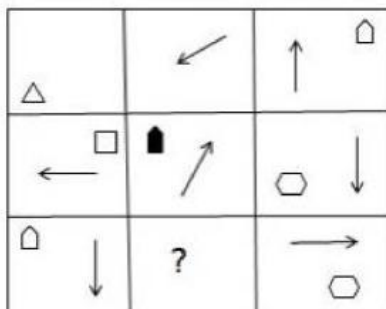
2. ✔ B

3. ✖ C

4. ✖ D

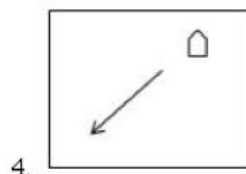
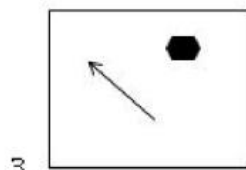
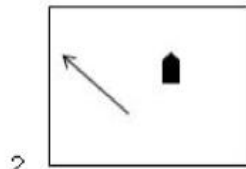
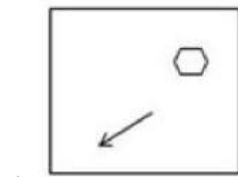
Question Number : 49 Question Id : 3026162349 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the figure that should replace the question mark.



Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Options :

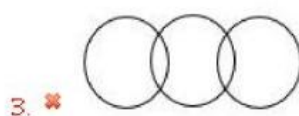
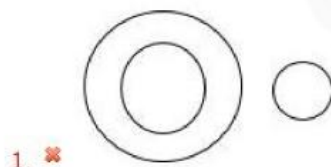


Question Number : 50 Question Id : 3026162350 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Select the Venn diagram that best represents the relation between the following classes:

Travelers, Air travelers, Train travelers

Options :

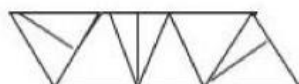


4. ✓



Question Number : 51 Question Id : 3026162351 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

How many triangles are there in this figure:



Options :

1. ✗ 10

2. ✓ 12

3. ✗ 8

4. ✗ 6

Question Number : 52 Question Id : 3026162352 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

100 students from a Music academy appeared for Vocal, Tabla and Harmonium exams. 25 of them took Vocal and Tabla, 20 took Tabla and Harmonium and 15 took Vocal and Harmonium. The number of students who took only Harmonium, only Tabla and only Vocal was 20 each. How many students took all the three exams?

Options :

1. ✗ 5

2. ✗ 4

3. ✓ 10

4. ✗ 7

Question Number : 53 Question Id : 3026162353 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

If Southeast becomes North & Northeast becomes West & so on, then what does Southwest becomes?

Options :

1. ✗ North

2. ✗ South

3. ✖ Northwest

4. ✔ East

Question Number : 54 Question Id : 3026162354 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

PQ8AF5BZ9

From the given four figures below choose the correct water image of the above figure.

Options :

1. ✖ b08vE2BZ0

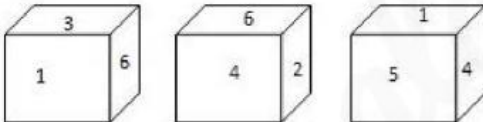
2. ✔ b08vE2BZ0

3. ✖ b08vE2BZ6

4. ✖ b08v79BZ9

Question Number : 55 Question Id : 3026162355 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the option which represents face of opposite to 5.



Options :

1. ✖ 2

2. ✖ 4

3. ✔ 6

4. ✖ 3

Question Number : 56 Question Id : 3026162356 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Complete the following:

Mass × Acceleration = _____

Options :

1. ✖ Momentum
2. ✖ Pressure
3. ✔ Force
4. ✖ Displacement

Question Number : 57 Question Id : 3026162357 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A car falls off a ledge and drops to the ground in 0.6 s. (let $g = 10 \text{ ms}^{-2}$). What is its speed on striking the ground?

Options :

1. ✔ 6 ms^{-1}
2. ✖ 6 ms^{-2}
3. ✖ 6 ms^1
4. ✖ 8 ms^{-1}

Question Number : 58 Question Id : 3026162358 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the below can be changed by application of a force?

Options :

1. ✔ State of motion of an object
2. ✖ Atoms of an object
3. ✖ Design of an object
4. ✖ Area occupied by an object

Question Number : 59 Question Id : 3026162359 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A typical rocket consumes fuel at the rate of:

Options :

1. ✖ 8000 kg s^{-1}
2. ✔ 10000 kg s^{-1}

3. ✖ 11000 kg s^{-1}

4. ✖ 9000 kg s^{-1}

Question Number : 60 Question Id : 3026162360 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

1 joule = ?

Options :

1. ✔ $1 \text{ newton} \times 1 \text{ metre}$

2. ✖ $1 \text{ newton} \times 1 \text{ cm}$

3. ✖ $1 \text{ erg} \times 1 \text{ m}$

4. ✖ $1 \text{ erg} \times 1 \text{ cm}$

Question Number : 61 Question Id : 3026162361 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

What is the capacity of doing work measured in?

Options :

1. ✔ Joules

2. ✖ Watts

3. ✖ Metres

4. ✖ Newtons

Question Number : 62 Question Id : 3026162362 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

An object of a certain mass is raised to a height of 5 m above the ground and its potential energy is 2000 J. What is the mass of the object? (take $g = 10 \text{ m s}^{-2}$)

Options :

1. ✖ 40 N

2. ✔ 40 kg

3. ✖ 400 kg

4. ✖ 400 N

Question Number : 63 Question Id : 3026162363 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Marine geologists use _____ to determine the depth of the sea and to locate underwater hills and valleys.

Options :

1. ✖ Radar
2. ✖ Compass
3. ✔ Sonar
4. ✖ Beam

Question Number : 64 Question Id : 3026162364 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

An image formed by a convex mirror is always _____.

Options :

1. ✖ real, erect and magnified
2. ✖ virtual, inverted and magnified
3. ✔ virtual, erect and diminished
4. ✖ real, inverted and diminished

Question Number : 65 Question Id : 3026162365 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The one thing that is common to all fossil fuels is that they:

Options :

1. ✖ were originally formed in marine environment
2. ✔ contain carbon
3. ✖ have undergone the same set of geological processes during their formation
4. ✖ represent the remains of one living organisms

Question Number : 66 Question Id : 3026162366 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which one of these instruments measures electric current in a circuit?

Options :

1. ✖ Galvanometer
2. ✔ Ammeter
3. ✖ Voltmeter
4. ✖ Electrometer

Question Number : 67 Question Id : 3026162367 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The smallest particle of an element which can take part in any chemical reaction is known as a/an _____.

Options :

1. ✔ atom
2. ✖ nucleus
3. ✖ proton
4. ✖ neutron

Question Number : 68 Question Id : 3026162368 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The mass per unit volume of a substance is called its _____.

Options :

1. ✖ Pressure
2. ✖ Force
3. ✔ Density
4. ✖ Relative density

Question Number : 69 Question Id : 3026162369 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

How many elements occur naturally?

Options :

1. ✖ 105
2. ✖ 87
3. ✔ 92

4. ✖ 118

Question Number : 70 Question Id : 3026162370 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

When a substance is decomposed into new substances in the presence of sunlight, the phenomenon is called:

Options :

1. ✖ Thermal decomposition
2. ✔ Photolytic decomposition
3. ✖ Displacement reaction
4. ✖ Combination reaction

Question Number : 71 Question Id : 3026162371 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of these acids is present in spinach and tomato?

Options :

1. ✔ Oxalic Acid
2. ✖ Ascorbic Acid
3. ✖ Lactic Acid
4. ✖ Uric Acid

Question Number : 72 Question Id : 3026162372 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is INCORRECT for metals?

Options :

1. ✔ Melting points and boiling points are very low.
2. ✖ All metals, except Mercury, are called hard metals and solids.
3. ✖ They have shine and can be polished.
4. ✖ They are malleable and ductile.

Question Number : 73 Question Id : 3026162373 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Chose the INCORRECT option for Aldehydes.

Options :

1. ✖ $\text{HCOH} \rightarrow \text{Methanal} \rightarrow \text{Formaldehyde}$
2. ✖ $\text{CH}_3\text{COH} \rightarrow \text{Ethanal} \rightarrow \text{Acetaldehyde}$
3. ✔ $\text{C}_2\text{H}_4\text{COH} \rightarrow \text{Propoanal} \rightarrow \text{Propionaldehyde}$
4. ✖ $\text{C}_3\text{H}_7\text{COH} \rightarrow \text{Butanal} \rightarrow \text{Butyraldehyde}$

Question Number : 74 Question Id : 3026162374 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The horizontal rows in a periodic table are called _____.

Options :

1. ✖ lanthanides
2. ✖ actinides
3. ✖ groups
4. ✔ periods

Question Number : 75 Question Id : 3026162375 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Iodine is solid due to:

Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Options :

1. large value of dipole moment
2. strong covalent bond
3. high polarisability
4. strong hydrogen bonding

Question Number : 76 Question Id : 3026162376 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Parenchyma is a tissue that helps ____ to store food.

Options :

1. ☒ plants
2. ☐ animals
3. ☐ birds
4. ☐ fish

Question Number : 77 Question Id : 3026162377 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Pick the odd tissue out of the following:

Options :

1. ☐ Adipose Tissue
2. ☒ Muscular Tissue
3. ☐ Cartilaginous Tissue
4. ☐ Areolar Tissue

Question Number : 78 Question Id : 3026162378 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In which of the below animals does the blood go only once through the heart during one cycle of passage through the body?

Options :

1. ☐ Crocodile
2. ☐ Rabbit
3. ☒ Fish
4. ☐ Man

Question Number : 79 Question Id : 3026162379 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which one of the following has a three-chambered heart?

Options :

1. ☐ Tuna
2. ☐ Rohu

3. ✓ Snake

4. ✗ Pigeon

Question Number : 80 Question Id : 3026162380 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Two pea plants, one with round green seeds (RRyy) and another with wrinkled yellow (rrYY) seeds, produce F1 progeny that have round yellow (RrYy) seeds. When F1 plants are selfed, the F2 progeny will have new combination of characters. Choose the new combination from the following.

Options :

1. ✗ Round, yellow

2. ✗ Wrinkled, yellow

3. ✗ Round, green

4. ✓ All of the options are correct

Question Number : 81 Question Id : 3026162381 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The sportsperson Shahzar Rizvi is associated with:

Options :

1. ✗ Cricket

2. ✗ Basketball

3. ✓ Shooting

4. ✗ Swimming

Question Number : 82 Question Id : 3026162382 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following Indian cricketer has won the Polly Umrigar trophy award, 2017-18?

Options :

1. ✗ M.S.Dhoni

2. ✗ Rohit Sharma

3. ✓ Virat Kohli

4. ✖ Umesh Yadav

Question Number : 83 Question Id : 3026162383 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which Indian woman cricketer became the first to score 2000 runs in T20 internationals?

Options :

1. ✖ Jhulan Goswami
2. ✖ Veda Krishnamurthy
3. ✖ Smriti Mandhana
4. ✔ Mithali Raj

Question Number : 84 Question Id : 3026162384 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who is the author of the book 'Hero: A Biography of Sachin Ramesh Tendulkar'?

Options :

1. ✔ Devendra Prabhudesai
2. ✖ David Conn
3. ✖ Vijay Tendulkar
4. ✖ Sachin Tendulkar

Question Number : 85 Question Id : 3026162385 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who is the author of the book "President's Lady"?

Options :

1. ✖ Suvra Mukherjee
2. ✔ Sangeetha Ghosh
3. ✖ Pranab Mukherjee
4. ✖ Hamid Ansari

Question Number : 86 Question Id : 3026162386 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who is the author of the book "Hope in a Challenged Democracy"?

Options :

1. ✖ Ashwini Nachappa
2. ✔ Ashwani Kumar
3. ✖ Ashwini Papat
4. ✖ Ashwani Singh

Question Number : 87 Question Id : 3026162387 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is NOT a private news channel of India?

Options :

1. ✖ NDTV
2. ✔ Rajya Sabha TV
3. ✖ ABP News
4. ✖ Republic TV

Question Number : 88 Question Id : 3026162388 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Name the Indian-American teenager who won the top prize of \$2,50,000 in the Regeneron Science Talent Search competition held in the United States.

Options :

1. ✖ Amol Punjabi
2. ✔ Indrani Das
3. ✖ Maya Varma
4. ✖ Meena Jagadeesan

Question Number : 89 Question Id : 3026162389 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Union Minister of Health and Family Welfare J P Nadda was conferred with the WHO Director-General's Special Recognition Award for:

Options :

1. ✖ Pollution control

2. ☒ Global tobacco control

3. ☐ Trafficking control

4. ☐ Drugs control

Question Number : 90 Question Id : 3026162390 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following cities is known as the 'City of Gardens'?

Options :

1. ☐ Chennai

2. ☐ New Delhi

3. ☒ Bengaluru

4. ☐ Jaipur

Question Number : 91 Question Id : 3026162391 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Name the low-cost, biodegradable sanitary napkin which has been launched by the Government of India. The product has been launched to coincide with International Women's Day.

Options :

1. ☒ Suvidha

2. ☐ Stree

3. ☐ Shudh

4. ☐ Swatch

Question Number : 92 Question Id : 3026162392 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Atal Bihari Vajpayee has been the Prime Minister of India _____.

Options :

1. ☐ twice

2. ☐ once

3. ☒ thrice

4. ✖ four times

Question Number : 93 Question Id : 3026162393 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following countries is a neighbor of India?

Options :

1. ✖ Singapore
2. ✖ Maldives
3. ✔ Afghanistan
4. ✖ Mauritius

Question Number : 94 Question Id : 3026162394 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The Simon Commission was boycotted by the Congress and in _____, the Congress demanded 'Purna Swaraj' for India.

Options :

1. ✖ October 1929
2. ✔ December 1929
3. ✖ November 1929
4. ✖ January 1930

Question Number : 95 Question Id : 3026162395 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The Bengal Coal Company was established in _____.

Options :

1. ✖ 1873
2. ✖ 1863
3. ✖ 1853
4. ✔ 1843

Question Number : 96 Question Id : 3026162396 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

How many Tiger Reserves are located in India?

Options :

1. ✖ 45
2. ✔ 50
3. ✖ 55
4. ✖ 40

Question Number : 97 Question Id : 3026162397 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The Bahai Temple also known as the Lotus Temple, is a Bahai House of Worship and one of the prominent attractions in _____.

Options :

1. ✖ Punjab
2. ✖ Uttar Pradesh
3. ✔ Delhi
4. ✖ Haryana

Question Number : 98 Question Id : 3026162398 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

PAHAL scheme is launched by the Government of India to empower:

Options :

1. ✖ Agriculture
2. ✔ Domestic LPG
3. ✖ Skill development
4. ✖ Electricity

Question Number : 99 Question Id : 3026162399 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which metro station will get a tech savvy remodeling with advanced mechanisation and safety?

Options :

1. ✖ Noida

2. ✖ Delhi
3. ✔ Kolkata
4. ✖ Mumbai

Question Number : 100 Question Id : 3026162400 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The objective of the Industrial Policy Resolution of 1956 was the establishment of _____ pattern of the society in the country.

Options :

1. ✔ socialistic
2. ✖ democratic
3. ✖ commercial
4. ✖ communist

