RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

1. Options shown in green color with a tick icon are correct
2. Chosen option on top right of the question indicates the option selected by the candidate
3. The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Q.1 ₹720 was divided among A, B, C, D, E. The sum received by them was in ascending order and in Arithmetic Progression. E received ₹40 more than A. How much did B receive?

Ans ✔ 1. ₹134

✘ 2. ₹154

✘ 3. ₹144

✘ 4. ₹124

Q.2 Who portrayed the character of Allauddin Khilji in the controversial movie 'Padmavat'?

Ans ✘ 1. Shahid Kapoor

✔ 2. Ranveer Singh

✘ 3. Ranbir Kapoor

✘ 4. Rana Daggubati

Q.3 How many medals did India win in the US Open Karate Championship held in Las Vegas in April 2017?

Ans ✘ 1. 17

✔ 2. 16

✘ 3. 12

✘ 4. 15

Q.4 Dayanand Saraswati was the founder of which of the following missions?

Ans

✗ 1. Brahmo Samaj

✗ 2. Chinmaya Mission

✔ 3. Arya Samaj

✗ 4. Prarthana Samaj

Q.5 The mass of the Earth is:

Ans

✗ 1. 6×10^{-23} kg

✗ 2. 6×10^{23} kg

✗ 3. 6×10^{-24} kg

✔ 4. 6×10^{24} kg

Q.6 Find the next term in the following series.

5I, 7J, 11L, 17O, ?

Ans

✔ 1. 25S

✗ 2. 25Y

✗ 3. 20P

✗ 4. 18C

Which of the given assumptions are implied from the below statement?

Statement:

"I need your notes to study," said student 1 to student 2.

Assumptions:

I. Student 2 has prepared notes.

II. Student 1 wants to verify his understanding.

Ans ✓ 1. Only I is implicit

✗ 2. Both I and II are implicit

✗ 3. Neither I nor II is implicit

✗ 4. Only II is implicit

Q.8 Two trains, one 152.5 m long and the other 157.5 m long, coming from opposite directions crossed each other in 9.3 seconds. The combined speed of the two trains every hour would then be:

Ans ✗ 1. 130 km

✗ 2. 125 km

✗ 3. 115 km

✓ 4. 120 km

Q.9 In the modern periodic table, which group elements have a complete outer shell?

Ans ✗ 1. 15th
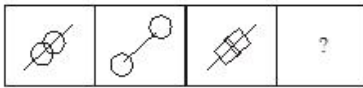
✓ 2. 18th

✗ 3. 16th

✗ 4. 17th

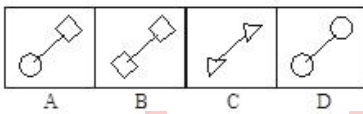**Q.10** What is the next term in this series?

B25Y, D23W, F21U, _____.

Ans ✗ 1. I19V

✔ 2. H19S

✗ 3. I20T

✗ 4. H20V

Q.11 Which answer figure will come next in the given problem figure series?

Problem figures:

Answer figures:

Ans ✗ 1. D

✔ 2. B

✗ 3. C

✗ 4. A

Q.12 The ratio of the mass of hydrogen to the mass of oxygen is always _____.

Ans ✗ 1. 2 : 1

✔ 2. 1 : 8

✗ 3. 8 : 1

✗ 4. 1 : 2

Q.13 खालीलपैकी कोणता प्राणी उष्ण-रक्ताचा असतो?

Ans ✔ 1. पारवा

✘ 2. मासा

✘ 3. मगर

✘ 4. टॉड

Q.14 Which of the following country hosts the Academy (Oscar) Awards for excellence in cinema every year?

Ans ✘ 1. France

✘ 2. UK

✘ 3. Canada

✔ 4. USA

Q.15 यांपैकी कोणती जोडी ही जुळ्या मूळ संख्यांची जोडी आहे?

Ans ✘ 1. (43, 47)

✘ 2. (3, 7)

✘ 3. (37, 41)

✔ 4. (71, 73)

Q.16 How many water molecules are present in one molecule of washing soda?

Ans ✘ 1. 8

✘ 2. 5

✘ 3. 7

✔ 4. 10

Q.17 Which of the following sports is Satyawart Kadiyan related to?

Ans
✗ 1. Hockey

✗ 2. Kabaddi

✔ 3. Wrestling

✗ 4. Football

Q.18 Which of the following metals reacts with steam to form metal oxide and hydrogen?

Ans
✗ 1. Copper

✗ 2. Silver

✗ 3. Lead

✔ 4. Aluminium

Q.19 The area of the triangle whose vertices are given by (1, 2), (− 4, − 3) and (4, 1) is:

Ans
✗ 1. 7 sq. units

✗ 2. 20 sq. units

✔ 3. 10 sq. units

✗ 4. 14 sq. units

Q.20

खाली एक विधान आणि I व II अशी दोन गृहीतके दिलेली आहेत. दिलेले विधान आणि गृहीतकांना विचारात घेऊन कोणते/ती गृहीतक/के विधानामध्ये अंतर्निहित आहेत हे ठरवा.

विधान:

शाश्वत विकासासाठी घरांना ऊर्जा-सक्षम बनवणे महत्त्वाचे आहे.

गृहीतके:

I. घरातील लाईट बल्बच्या ऐवजी कॉम्पॅक्ट फ्लूरोसेंट लॅम्प्स (CFLs) वापरा.

II. आपल्या घराभोवती सावल्या देणारी झाडेझुडपे लावा. उत्तम लँडस्केपिंग करून (खासकरून पानझडीचे वृक्ष) विशेषत: त्यांना घराच्या पश्चिमेकडे लावले गेल्यास ऊर्जेची बचत केली जाऊ शकते.

Ans

✔ 1. केवळ निष्कर्ष I अंतर्निहित आहे.

✘ 2. केवळ निष्कर्ष II अंतर्निहित आहे.

✘ 3. दोन्ही निष्कर्ष I आणि II अंतर्निहित आहेत.

✘ 4. निष्कर्ष I आणि II यांपैकी एकही अंतर्निहित नाही.

Q.2 1 President Ram Nath Kovind has felicitated _____ exceptional women achievers at Rashtrapati Bhawan in New Delhi. These 'FIRST LADIES' are those who are first to set milestone of achievement in their respective fields.

Ans

✘ 1. 111

✔ 2. 112

✘ 3. 114

✘ 4. 113

Q.2 2 The HCF of two co-prime numbers is:

Ans

✘ 1. 2

✘ 2. 0

✘ 3. the product of the co-primes

✔ 4. 1

Q.2 3 The resistance of a conductor does NOT depend on which of the following factors?

Ans

✘ 1. Length

$\times$ 2. Area of cross section

$\checkmark$ 3. Pressure

$\times$ 4. Material

Q.24 $(Cos^2\emptyset + \frac{1}{cosec^2\emptyset}) + 17 = x$. What is the value of x^2 ?

Ans
$\times$ 1. 18

$\checkmark$ 2. 324

$\times$ 3. 256

$\times$ 4. 16

Q.25 वस्तूवर होत असलेल्या गुरूत्वाकर्षणाच्या प्रभावास ____ म्हणून ओळखतात.

Ans
$\times$ 1. आवेग

$\times$ 2. त्वरण

$\times$ 3. वस्तुमान

$\checkmark$ 4. वजन

Q.26

Which of the option figures bears the closest resemblance to the question figure?

Problem Figure:

Answer Figures:
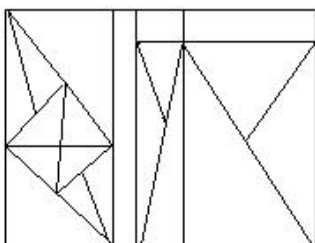
A	B	C	D

Ans ✔ 1. B

✗ 2. D

✗ 3. C

✗ 4. A

Q.27 What was the theme of the 2016 Indian Film Festival of Melbourne (IFFM) at which Sonam Kapoor won the Best Actress Award for her performance in Neerja Bhanot's biopic 'Neerja'?

Ans ✗ 1. Enrichment of Women Status

✔ 2. Female Empowerment

✗ 3. Beti Bachao

✗ 4. Celebration of Life

Q.28 How many triangles are there in the following figure?

Ans ✗ 1. 25
     ✗ 2. 23
     ✗ 3. 24
     ✔ 4. 27

Q.2 Name the badminton player who won his maiden Super Series title in Singapore in April 2017?
9

Ans ✔ 1. Sai Praneeth

     ✗ 2. Srikanth Kidambi

     ✗ 3. Prannoy Kumar

     ✗ 4. Parupalli Kashyap

Q.3 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the
0   question.

What is the total weight of 20 cartons of Vegetables? Each of them weighs equal.

Statements:

1. Of the first 10 boxes, one-third of each box weighs 10 kg

2. The total weight of 6 boxes is 40 kg more than the total weight of 4 boxes

Ans ✔ 1. Both Statements 1 and 2 alone are sufficient

     ✗ 2. Statement 2 alone is sufficient

     ✗ 3. Statement 1 alone is sufficient

     ✗ 4. Statement 1 and 2 are not sufficient

Q.3 In which of the following processes is oxygen released into the air?
1

Ans ✔ 1. Photosynthesis

     ✗ 2. Respiration

     ✗ 3. Transpiration

     ✗ 4. Excretion

Q.32 In which of the following media does sound travel the fastest?

Ans ✗ 1. Gases

✗ 2. Vacuum

✗ 3. Liquids

✔ 4. Solids

Q.33 Which of the following is true?

Ans ✗ 1. $\dfrac{9}{16} < \dfrac{13}{24}$

✗ 2. $\dfrac{9}{16} = \dfrac{13}{24}$

✔ 3. $\dfrac{9}{16} > \dfrac{13}{24}$

✗ 4. $\dfrac{9}{16} \leq \dfrac{13}{24}$

Q.34 In physics work done is defined as

A. A force has acted on an object without causing any displacement of it.

B. Object is displaced

C. A force has acted on the object

D. All of the above

Ans 1. D is correct

2. B and C are correct

3. A and B are correct

4. A and C are correct

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

Q.35 Which of the following illustrates Newton's third law of motion?

Ans ✗ 1. When a bus starts suddenly, the passengers receive a backward jerk.

✗ 2. While catching a fast-moving cricket ball, the fielder gradually pulls his hand backwards with the moving ball.

✔ 3. The launching of a rocket.

✗ 4. When we stop pedalling, the bicycle slow down.

Q.36 A committee under the chairmanship of Uday Kotak was constituted in 2017 to improve efficiency in:

Ans ✗ 1. customer satisfaction

✗ 2. labour management relations

✗ 3. government policies

✔ 4. corporate governance

Q.37 The fertilised egg, the zygote, gets implanted in the:

Ans ✗ 1. cervix

✗ 2. ovary

✗ 3. vagina

✔ 4. uterus

Q.38 When a body moves on a circular path, the force that acts on the revolving body towards the center is called:

Ans ✗ 1. simple force

✗ 2. gravitational force

✔ 3. centripetal force

✗ 4. angular force

Q.39 $56 \div \frac{1}{3} \{15 + 12 - (9 + 6 - \overline{5+7})\} = ?$

Ans ✗ 1. 12

✔ 2. 7

✗ 3. 9

✗ 4. 8

Q.40 Name the first city in India to use a robot to control traffic.

Ans ✗ 1. Kochi

✔ 2. Indore

✗ 3. Varanasi

✗ 4. Jaipur

Q.41 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statement:

- All petals are flowers.
- Some petals are yellow.
- All yellows are flowers.

Conclusions:

1. All flowers are yellow.
2. All yellows are petals.

Ans ✔ 1. None of the conclusions follow

✗ 2. Only conclusion 2 follows

✗ 3. Only conclusion 1 follows

✗ 4. Both the conclusions follow

Q.42 Which is the second company to hit $900 billion market capitalization after Apple?

Ans

✗ 1. Google

✗ 2. Walmart

✔ 3. Amazon

✗ 4. Facebook

Q.43 Which union minister has launched PowerTex India scheme to boost powerloom sector?

Ans

✔ 1. Smriti Irani

✗ 2. Maneka Gandhi

✗ 3. Nitin Gadkari

✗ 4. Ravi Shankar Prasad

Q.44 Which of the following state governments launched the 'Quit India 2-from Swaraaj to Suraaj' initiative at the historic August Kranti Maidan in August 2016?

Ans

✗ 1. Haryana

✔ 2. Maharashtra

✗ 3. Madhya Pradesh

✗ 4. West Bengal

Q.45 Who has been chosen for the RedInk Award for Lifetime Achievement in Journalism for 2018?
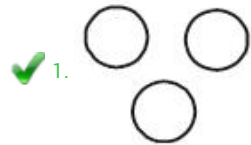
Ans
✔ 1. Mark Tully
✘ 2. Arun Shourie
✘ 3. Barkha Dutt
✘ 4. N. Ram

Q.46 Choose the most suitable Venn diagram for the following words.

Horse, Monkey, Tiger

Ans

✔ 1.
✘ 2.
✘ 3.
✘ 4.
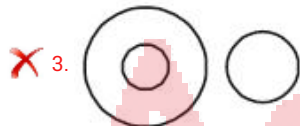
Q.47 Rohan and Rohit together can do a certain job in 10 days while Rohan alone can do the same job in 15 days. How many days Rohit alone will do the same job?

Ans
✘ 1. 25 days
✘ 2. 32 days
✘ 3. 35 days
✔ 4. 30 days

Q.48 The compound interest on ₹ 1,60,000 for 2 years at 10% per annum when compounded semi-annually is:

Ans
✗ 1. ₹ 34,400

✓ 2. ₹ 34,481

✗ 3. ₹ 30,000

✗ 4. ₹ 34,480

Q.49 जरी दिलेल्या विधानांमध्ये सामान्यत: ज्ञात तथ्यांशी तफावत असल्याचे आढळत असेल तरीही त्यांना सत्य मानून दिलेल्या निष्कर्षांपैकी कोणता(ते) या विधानाशी तर्कसंगत आहे/त हे ठरवा.

विधान:

चमकणारे सर्व सोने नसते.

निष्कर्ष:

I. बाहेरून चांगल्या दिसणाऱ्या गोष्टी कदाचित आतून चांगल्या असतीलच असे नाही.

II. आपण दुरून कोणत्याही गोष्टीच्या किंवा व्यक्तीच्या चकचकीत मुखवट्याच्या मागील सत्याची कल्पना करू शकत नाही.

Ans
✗ 1. केवळ निष्कर्ष II तर्कसंगत आहे.

✓ 2. निष्कर्ष I आणि II तर्कसंगत आहेत.

✗ 3. केवळ निष्कर्ष I तर्कसंगत आहे.

✗ 4. निष्कर्ष I आणि II यांपैकी एकही तर्कसंगत नाही.

Q.50 A force increases the speed of a 1.0 kg object from 4 m/s to 8 m/s. The work done by the force will be _____.

Ans
✗ 1. 8 J

✗ 2. 32 J

✓ 3. 24 J

✗ 4. 16 J

Q.51 As long as an unbalanced force is applied to a body ,there is a continuous change in its:

Ans ✗ 1. weight

✗ 2. mass

✔ 3. speed

✗ 4. shape

Q.52 Which of the following options is an example of a salt that gives an aqueous solution of pH less than 7?

Ans ✗ 1. Sodium carbonate

✗ 2. Sodium chloride

✔ 3. Ammonium chloride

✗ 4. Sodium bicarbonate

Q.53 _____ is the amount of work done in carrying a charge of 4 C across two points having a potential difference of 18 V.

Ans ✗ 1. 24 J

✔ 2. 72 J

✗ 3. 7.2 J

✗ 4. 4.5 J

Q.54 Which of the following is known as 'the Princess of Hill Stations'?

Ans ✗ 1. Dehradun

✔ 2. Kodaikanal

✗ 3. Darjeeling

✗ 4. Ooty

Q.55 Identify the award which recognises workers for their distinguished performance, innovative ability, outstanding contribution in the field of productivity and exhibition of exceptional courage and presence of mind.

Ans ✗ 1. Krishi Awards

✔ 2. Shram Awards

✗ 3. Padma Awards

✗ 4. Dronacharya Award

Q.56 A TV set is being sold for ₹ X in Delhi. A dealer went to Chandigarh and bought the TV at 20% discount (from the price of Delhi). He spent ₹ 600 on transport. Thus he sold the set in Delhi for ₹ X making $\left(\frac{100}{7}\right)$% profit What is the value of X?

Ans ✗ 1. ₹ 7200

✔ 2. ₹ 8000

✗ 3. ₹ 8800

✗ 4. ₹ 9600

Q.57 If $sec^4\theta - sec^2\theta = 3$ then the value of $tan^4\theta + tan^2\theta$ is:

Ans ✗ 1. 8

✗ 2. 4

✗ 3. 6

✔ 4. 3

Q.58

Read the statements and conclusions below.

Statements:

- No cows are cats

- All cats have mustache

Conclusions:

1. Some cows are cats

2. Some cows have mustache

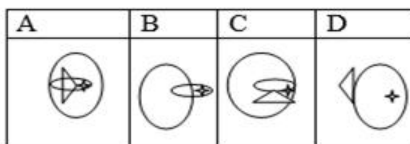Which conclusion(s) follow(s) the given statement?

Ans ✗ 1. Only conclusion 2 follows

✓ 2. No conclusion follows

✗ 3. All the conclusions follow

✗ 4. Only conclusion 1 follows

Q.59 Select the option that can replace the question mark (?) in the following series.

Problem Figure:
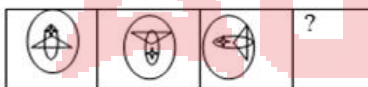
Answer Figures:

Ans ✓ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

Q.60 Which of the following is known as the Upper house of the Indian Parliament?

Ans ✗ 1. Supreme court

✗ 2. PMO

✔ 3. Rajya Sabha

✗ 4. Lok Sabha

Q.61 दिलेल्या वर्गांमध्ये असणारा संबंध खालीलपैकी कोणत्या व्हेन आकृतीने सर्वांत योग्यरीत्या दर्शवला जातो?

A) व्हेल

B) जहाज

C) महासागर

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Q.62 Consider the given statements to be true even if they seem to be at variance with the commonly known facts and decide which of the given conclusions logically follow(s) from the statements.

Statements:

- Some metals are iron.
- Some iron are heavy.

Conclusion:

1. All iron are metals.
2. All heavy are metals.

Ans ✗ 1. Only conclusion 2 follows.

✔ 2. No conclusions follow.
✘ 3. All the conclusions follow.
✘ 4. Only conclusion 1 follows.

Q.63 What is "Hausala 2017', which was celebrated from 16th November to 20th November 2017?

Ans ✘ 1. Celebration of transgender rights

✘ 2. Celebration of women's rights

✔ 3. Celebration of children's rights

✘ 4. Celebration of senior citizen's rights

Q.64 A cake is shared among 5 friends. Four friends take $\frac{1}{8}, \frac{1}{6}, \frac{5}{12}, \frac{1}{12}$ part of the cake, respectively. How much part of the cake does the fifth friend get?

Ans ✔ 1. $\frac{5}{24}$

✘ 2. $\frac{3}{8}$

✘ 3. $\frac{1}{6}$

✘ 4. $\frac{1}{4}$

Q.65 Which of the following can exist in solid, liquid and gaseous forms?

Ans ✘ 1. Metalloids

✘ 2. Inert elements

✔ 3. Non-metals

✘ 4. Metals

Q.66 Which of the option figures comes next?

Problem Figure:

/▼/	ℓʊ		±	\▶\		*±*	±±		?
±±	*±*		*±*	ℓʊ		ℓʊ	/▲/		

Answer Figures:

A		B	
±	ℓʊ	*±*	ℓʊ
/▼/	*±*	\▼\	±

C		D	
ℓʊ	*±*	ℓʊ	*±*
\◀\	±±	\◀\	±
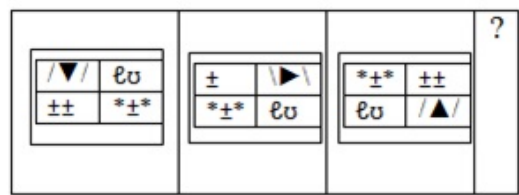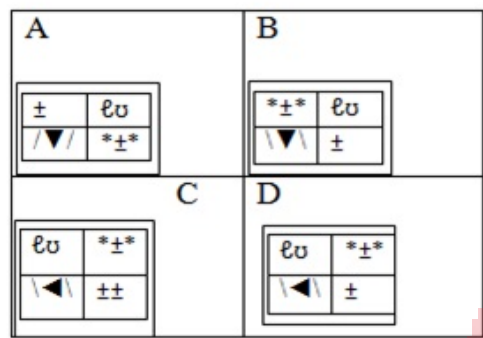
Ans ✗ 1.

✗ 2. C

✔ 3. D

✗ 4. A

Q.67 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statement:

- All cars are Jeeps.
- All Jeeps are four-wheelers.

Conclusions:

1. All four-wheelers are cars.

2. Some four-wheelers are Jeeps.

Ans ✗ 1. Neither conclusion follows.

✗ 2. All the conclusions follow.

✗ 3. Only conclusion 1 follows.

✔ 4. Only conclusion 2 follows.

Q.68 A clock is fixed on a horizontal table. At 3 pm its minute hand is pointing towards North. At 3.40 pm, the minute hand will point towards?

Ans ✘ 1. 60° south of west

✘ 2. South-east

✔ 3. 60° west of south

✘ 4.

Q.69

Ans ✘ 1. 11 hours

✔ 2. 10 hours

✘ 3. 13 hours

✘ 4. 12 hours

Q.70 Consider the given statement and decide which of the following assumptions is/are implicit in the statement.

Statement:

"Every city must house an ecological park", says the Mayor to his secretary.

Assumptions:

I.   Ecological parks improve green cover.

II.   Ecological parks help reduce air pollution.

Ans ✘ 1. Neither I nor II is implicit.

✘ 2. Only II is implicit.

✔ 3. Both I and II are implicit.

✘ 4. Only I is implicit.

Q.7 1 Find the odd one out.

T⊥	V∧	NN	A∀
A	B	C	D

Ans ✔ 1. C

✘ 2. A

✘ 3. D

✘ 4. B

Q.7 2 $\dfrac{\sin A + \sin B}{\cos A - \cos B} + \dfrac{\cos A + \cos B}{\sin A - \sin B} = ?$

Ans ✘ 1. sin A cos B

✘ 2. tan A tan B

✔ 3. 0

✘ 4. cos A cos B

Q.7 3 The chemical symbol of which of the following elements is derived from Latin?

Ans ✘ 1. Chlorine

✘ 2. Carbon

✔ 3. Iron

✘ 4. Aluminium

Q.74 What is the value of the expression?

$$\frac{(a-b)^3+(b-c)^3+(c-a)^3}{3(a-b)(b-c)(c-a)}=?$$

Ans ✗ 1. 4

✔ 2. 1

✗ 3. 2

✗ 4. 0

Q.75 If a driver drives a car 15m/s then how much distance is covered by him in 3 hours 20 mins?

Ans ✗ 1. 200 km

✗ 2. 165 km

✗ 3. 150 km

✔ 4. 180 km

Q.76 The given pie chart shows information about the mobile phone manufacturing companies in India. The total number of mobile phone units manufactured is 12,40,000.

ABC
28%
XYZ
12%
30%
LMN
25%
5%
PQR
DEF
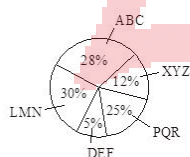
How many units of mobile phones were manufactured by company 'LMN'?

Ans ✔ 1. 3,72,000

✗ 2. 6,20,000

✗ 3. 12,40,000

✗ 4. 6,12,000
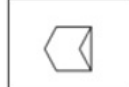
Q.77

Which of the answer figures is formed from the two shapes given the problem figure?

Problem figure:

Answer figures:

| A	B	C	D

Ans   ✗ 1. C

✗ 2. A

✗ 3. D

✔ 4. B

Q.78   It was Monday on 1st January 2018. What was the day of the week on 1st January 2010?

Ans   ✗ 1. Tuesday

✗ 2. Thursday

✔ 3. Friday

✗ 4. Monday

Q.79   Achuth opens a tea shop with an initial investment of ₹ 25,000. He spends 30% of his money in furnishing his shop and 20% in bringing other necessary accessories. How much money is he left with for purchasing inventory for his business?

Ans   ✔ 1. ₹ 12,500

✗ 2. ₹ 20,000

✗ 3. ₹ 12,000

✗ 4. ₹ 5,000

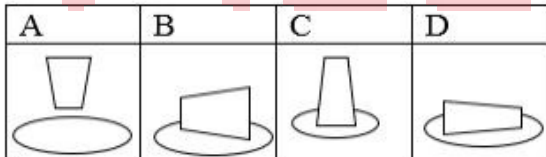**Q.80** Choose the mirror image for the following figure when the mirror is kept at the MN line.

Ans
✔ 1. A
✘ 2. D
✘ 3. B
✘ 4. C
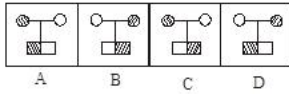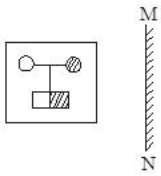
Q.81 Which pattern resembles closer to?

Problem Figure:

Answer Figures:

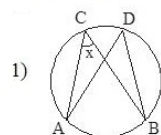**Ans**
✘ 1. C
✘ 2. D
✘ 3. B
✔ 4. A

Q.8

2 If the number $x4461$ is divisible by 11, what is the face value of x?

Ans ✔ 1. 5

✗ 2. 2

✗ 3. 3

✗ 4. 4

Q.8 3 Read the given question and decide which of the following information is sufficient to answer the question.

What is the value of $\angle ACB$?

Information:

1)

2) $\angle D = 60°$

Ans ✗ 1. Only 2 is sufficient.

✔ 2. Both 1 and 2 are sufficient.

✗ 3. Only 1 is sufficient.

✗ 4. Either 1 or 2 is sufficient.

Q.8 4 Which of the following animals can produce ultrasound?

Ans ✗ 1. Moths

✔ 2. Porpoises

✗ 3. Shark

✗ 4. Elephant

Q.8 5 Anurag loses one-seventh of the cost by selling a pen for ₹ 144. If the pen is sold for ₹ 189, what is the gain percent?

Ans ✗ 1. 11%

✔ 2. 12.5%

✘ 3. 11.5%

✘ 4. 14%

Q.86 The HCF of $\frac{2}{3}, \frac{8}{9}, \frac{10}{27}, \frac{32}{81}$ is:

Ans

✘ 1. $\frac{160}{81}$

✘ 2. $\frac{160}{3}$

✘ 3. $\frac{2}{3}$

✔ 4. $\frac{2}{81}$

Q.87 Choose the person who does NOT belong to the group.

Ans

✘ 1. Alexander Graham Bell

✘ 2. Albert Einstein

✘ 3. Thomas A Edison

✔ 4. Virat Kohli

Q.88 Which of the following countries has the longest coastline in the world?

Ans

✘ 1. Australia

✘ 2. Norway

✔ 3. Canada

✘ 4. Indonesia

Q.89 If South becomes South-West, then what will North become?

Ans
- ✗ 1. South-West
- ✗ 2. North-West
- ✔ 3. North-East
- ✗ 4. South-East

Q.90 On what dates of March 2005 did Friday fall?

Ans
- ✗ 1. 5, 12, 19, and 26
- ✗ 2. 3, 10, 17 and 24
- ✔ 3. 4, 11, 18 and 25
- ✗ 4. 6, 13 20 and 27

Q.91 शंभर वर्षांचे युद्ध कोणत्या दोन देशांत झाले होते?

Ans
- ✗ 1. इंग्लंड आणि इटली
- ✗ 2. जर्मनी आणि फ्रान्स
- ✗ 3. इंग्लंड आणि जर्मनी
- ✔ 4. इंग्लंड आणि फ्रान्स

Q.92 The flexibility in plants is due to _____ tissue.

Ans
- ✗ 1. xylem
- ✗ 2. phloem
- ✗ 3. sclerenchyma

✔ 4. collenchyma

Q.93 Which of the following is a perfect cube?

Ans 1. 9261

2. 9000

3. 8000

4. 9999

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

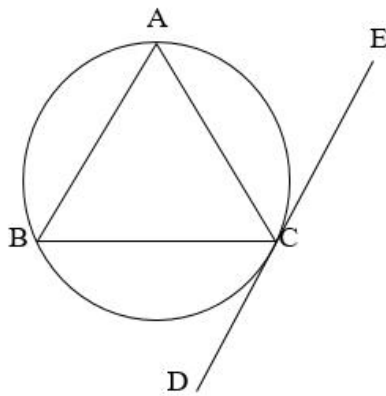**Q.94** Generally, the valency of electropositive elements is:

Ans ✗ 1. 2,1,0

✗ 2. 4,3,2

✔ 3. 1,2,3

✗ 4. 0,1,2

Q.95 If PIPE is written as 169165, then what is the last digit of SWAN?

Ans ✗ 1. 5

✗ 2. 6

✔ 3. 4

✗ 4. 3

Q.9

6 Refer to the given figure and answer the question that follows.

If AB is parallel to EC and ∠BCD = 72°, then what is the value of ∠BAC?

Ans ✗ 1. 75°

✗ 2. 73°

✓ 3. 72°

✗ 4. 67°

Q.9 7 A type of reproduction in which a part of a plant body develops into a new individual is called _____.

Ans ✗ 1. fission

✗ 2. regeneration

✓ 3. vegetative propagation

✗ 4. sexual propagation

Q.9 8 Find the next letter in the following series.

C, D, F, I, ?

Ans ✓ 1. M

✗ 2. G

✗ 3. N

✗ 4. P

Q.9
9 Two inlet pipes, A and B, can fill an empty cistern in 22 and 33 hours, respectively. They were opened at the same time, but pipe A had to be closed 3 hours before the cistern was full. How many hours in total did it take the two pipes to fill the cistern?

Ans ✔ 1. 15

✘ 2. 16.2

✘ 3. 14.2

✘ 4. 16

Q.1
00 What will be the direction of the magnetic field at a point directly below a horizontal power line with the current flowing from east to west when viewed from the west end?

Ans ✔ 1. Anticlockwise

✘ 2. Clockwise

✘ 3. Parallel to the flow of the current

✘ 4. Perpendicular to the flow of the current