Combined Higher Secondary Level (10+2) Examination-2018

| Roll No. | www.examstocks.com |
|------------------|--------------------|
| Registration No. | examstocks |
| Name | |
| Test Venue | |
| Test Time | 4:00 PM - 5:00 PM |
| Test Date | 09/07/2019 |

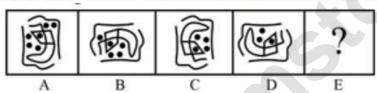
Section: General Intelligence

Q.1 If RUBY is coded as 264 and PAY is coded as 126, then how will RUPAY be coded as?

Question ID: 98958016958 Status: Answered

Chosen Option: 3

Select the figure that will come next in the following figure series.



Ans









Question ID: 98958016975 Status: Not Answered

Chosen Option: --

Q.3 Sona is sister of Ramesh and daughter of Mohit. Rama is wife of Mohit and Mother of Prabhat. How Ramesh is related to Prabhat?

Question ID : 98958016962 Status : Answered Chosen Option : 2

Q.4 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All eggs are hens. All hens are birds.

All birds are crows.

Conclusions:

I. All eggs are crows.
II. All hens are crows.
III. Some crows are birds.

Ans

1. Only conclusion I and II follow.



X 3. Only conclusion I follows.

4. Only conclusion II and III follow.

Question ID: 98958016966 Status: Answered Chosen Option: 2

Q.5 Which two signs and two numbers should be interchanged in the following equation to make it correct?

18 + 25 - 10 × 10 ÷ 5 = 203

Ans

X 1. + and - , 18 and 25

2. × and - , 18 and 25

X 3. × and ÷ , 25 and 5

X 4. + and ÷ , 18 and 5

Question ID: 98958016968 Status: Answered

Chosen Option: 2

Q.6 उस विकल्प का चयन करें जो तीसरे अक्षर-समूह से उसी तरह संबंधित है जैसे दूसरा अक्षर-समूह पहले अक्षर-समूह से संबंधित है।

अदरक : तना :: मिर्च : ?

Ans

🗙 1. फूल

🗶 2. तन

🗶 ३. जड्

4. फु

Question ID: 98958016959 Status: Answered Chosen Option: 4

Q.7 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

Q.11 Select the option in which the given figure X is embedded. (Rotation not allowed)



Ans









Question ID: 98958016977 Status: Answered Chosen Option: 4

Q.12 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

Ans

🟋 1. Cat



3. Cow

X 4. Goa

Question ID: 98958016965 Status: Answered Chosen Option: 2

Q.13 How many triangles are present in the following figure?



Ans

1.10

X 2. 9

3. 12

X 4. 13

Question ID : 98958016976 Status : Answered

Chosen Option : 1

Q.14 Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

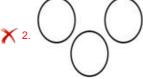
13:65

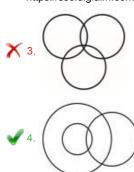
Ans

1. 19 : 95

X 2. 17 : 42







Question ID : 98958016980 Status : Answered Chosen Option : 3

Q.19 Select the correct mirror image of the given figure when the mirror is placed at the bottom of the figure.



Ans









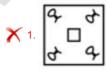
Question ID: 98958016979
Status: Answered
Chosen Ontion: 2

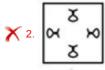
Chosen Option : 2

Q.20 A paper is folded and cut as shown in the following problem figures (X, Y and Z). Select the answer figure that depicts how the paper will appear when unfolded.



Ans





 $https://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954508818344\dots$

3. HJL

https://t.me/railyexamstocks https://t.me/sscplus www.facebook.com/examstocksofficial https://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954... 7/22/2019 Question ID: 98958016964 Status: Answered Chosen Option: 4 Q.25 In a code language, MYCOLOGY is written as PBFRORJV. How will AMMONIA be written as in that language? Ans 1. DPPRQLX 2. DPJRQLX 3. DPQRQLD 4. CPPSQJX Question ID: 98958016957 Status: Answered Chosen Option: 1 Section: General Awareness Q.1 Which of the following is NOT an anti-virus software? 3. Norton Question ID: 98958016636 Status: Answered Chosen Option: 2 Q.2 According to Randsatnd Employer Brand Research 2019 Report, which of the following has been rated as India's most attractive employer brand? Ans Amazon India Larsen and Toubro 3. Samsung Question ID: 98958016652 Status: Answered Chosen Option: 4 Q.3 Which of the following temples is correctly matched with its location? Ans 1. Mallikarjuna-Andhra Pradesh 2. Somnath-Bihar 3. Trimbakeshwar-Karnataka 4. Baidyanathdham-Odisha Question ID: 98958016629 Status: Answered Chosen Option: 1 Q.4 In which of the following states is Ashtamudi Lake situated? Ans 1. Tamil Nadu 3. Kerala 4. Andhra Pradesh

Satish Dhawan Space Centre?

X 1. PSLV- C41

https://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/156295450881834...

https://t.me/railyexamstocks https://t.me/sscplus www.facebook.com/examstocksofficial https://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954... 7/22/2019 Question ID: 98958016639 Status: Answered Chosen Option: 3 Q.21 Which of the following Articles of the Constitution of India is associated with the election of the President of India? Ans X 1. Article 103 2. Article 78 3. Article 74 4. Article 54 Question ID: 98958016646 Status: Answered Chosen Option: 4 Q.22 Who among the following was appointed as the first Deputy Speaker of the Lok Ans 1. M. Ananthasayanam Ayyangar 2. G V Mavalankar 3. Vithalbhai J Patel 4. V Narahari Rao Question ID: 98958016647 Status: Answered Chosen Option: 1 Q.23 Who was appointed as the new Director General of Inter Service Intelligence (ISI) of Pakistan in June 2019? Ans 1. Faiz Hameed 2. Hamid Gul 3. Rizwan Akhtar 4. Riaz Hussain Question ID: 98958016651 Status: Answered Chosen Option: 3 Q.24 The Hirakud Dam is built across the river: 1. Damodar 2. Tungabhadra 3. Mahanadi Question ID: 98958016638 Status: Answered Chosen Option: 3 Q.25 'Freedom in Exile' is the autobiography of : 1. Mahatma Gandhi

X 2. Nelson Mandela

y 3.

3. Dalai Lama

🗡 4. Jiddu Krishnamurti

Question ID: 98958016645

plus www.facebook.com/examstocksofficial https://t.me/railyexamstockships://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954...

Status: Answered Chosen Option: 2

Section: Quantitative Aptitude

The simplified value of

 $\frac{1.0025+6.25\times10^{-6}}{0.0025+0.95}$ is:

Ans

- X 1 1.0025
- √ 2. 1.0525
- X 3. 1.0005
- X 4. 1.0505

Question ID: 98958017368

Status: Not Answered

Chosen Option: --

Q.2 If $(3x+1)^3 + (x-3)^3 + (2x-4)^3 = 6(3x+1)(x-3)(x-2)$, then x is equal to:

- **√** 2. 1
- \times 4. $-\frac{1}{3}$

Question ID: 98958017369

Status: Answered

Chosen Option: 2

If a:b:c=1:3:5, what is the value of $\frac{4a-b+2c}{3(a+b+c)}$

Ans

Question ID: 98958017363

Status: Answered

Chosen Option: 3

Q.4 If A, B and c can respectively complete a piece of work in 20, 24 and 36 days respectively, how many days will they take to complete the work, if they work together?

Ans

- \times 2. $6\frac{1}{4}$
- \times 3. $9\frac{1}{4}$
- \times 4. $7\frac{19}{20}$

Question ID: 98958017356 Status: Answered

Chosen Option: 1

The diagonals of a rhombus are respectively 4 cm and 12 cm. Its area (in cm²) is equal to:

Ans

2. 24

X 3. 36

X 4. 8

Question ID: 98958017358

Status: Answered Chosen Option: 2

For an examination of a practical based subject, the total marks is 100. The break-up for theory, practical, project and Q.6 viva voce is 40%, 30%, 20%, 10%. A candidate scored 80% in theory, 70% in practical, 60% in project and 50% in viva voce. What was her aggregate percentage?

Ans

1. 70

X 2. 72

X 3. 68

X 4. 67

Question ID: 98958017361 Status: Answered

Chosen Option: 4

Q.7 If θ is an acute angle, and it is given that $5\sin\theta + 12\cos\theta = 13$, then what is the value of $\tan\theta$?

Question ID: 98958017375

Status: Answered

Chosen Option: 4

Q.8 If I travel by bus, I reach my office 15 min late, and if I travel by car, I reach 10 min early. If the distance between my home and my office is 25 km, then the difference of the reciprocals of average speeds of the bus and the car, in second per metre is

Ans

Question ID: 98958017357

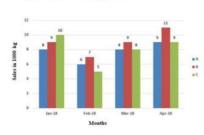
Status: Answered

Chosen Option: 2

Q.9

plus www.facebook.com/examstocksofficial https://t.me/railyexamstocks
https://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954...

The given Bar Graph presents the sale (in 1000 kg) of a particular brand of tea by three outlets, A, B and C during the months Jan, Feb, Mar and Apr, 2018.



What is the ratio of rate of growth in sales from B to the rate of growth in sales from C in Mar 2018 with reference to its

Ans

- X 1. 9:16
- X 2. 10:19
- X 3. 9:19
- 4. 10:21

Question ID: 98958017379 Status: Answered Chosen Option: 4

Q.10 The circumcentre, incentre, orthocentre and the centroid of a triangle are one and the same point. The triangle must be: (a) isosceles (b) right-angled (c) right- angled isosceles (d) equilateral

- X 1. (a)
- 2. (d)
- X 3. (b)
- X 4. (c)

Question ID: 98958017372 Status: Answered Chosen Option: 2

Q.11 Which among the following increases continuously in the range $0^{\circ} < \theta < 90^{\circ}$?

Ans

- X 1 cotθ
- × 2. cosecθ
- √3. tanθ
- × 4. cosθ

Question ID: 98958017374 Status: Answered

Chosen Option: 3

Q.12 The value of the expression $\frac{1}{4} \left\{ \left(a + \frac{1}{a} \right)^2 - \left(a - \frac{1}{a} \right)^2 \right\}$ is:

Ans

- X 4. 4

Question ID: 98958017367 Status: Answered

Chosen Option: 3

Question ID: 98958017364 Status: Answered Chosen Option: 3

Q.14 For θ being an acute angle, it is given that, $3(\csc^2\theta + \cot^2\theta) = 5$. Then θ is equal to:

Ans X 1. 45° ✓ 2. 60°

X 3. 0°

X 4. 30°

Question ID: 98958017376 Status: Answered

Chosen Option: 2

Q.15 The seven digit number $78 \times 1 \times 968$ is divisible by 88. The value of (x + y) is:

Ans X 1. 13

X 2. 10

3. 11

X 4. 14

Question ID: 98958017365 Status: Not Answered

Chosen Option: --

Two items are sold for ₹18,602, each. On one item there has been a gain of 31% and on the second item a loss of 29%. What was the overall loss or gain in the transaction?

Ans

1. Loss 7.91%

X 2. Loss 8.25%

X 3. Gain 8.25%

X 4. Gain 7.91%

Question ID: 98958017362 Status: Not Answered

Chosen Option: --

Q.17 In a stadium an athlete is running on a circular path with uniform speed during a practice session. The angle covered by him during one second is found to be 10° by a coach observing him from the centre of the circular track. What would be the measure of angle (in degrees) described by the athlete by an observer standing on the circle?

Ans

It depends on the exact position of the observer on the circle

X 3. 10

X 4. 20

Question ID: 98958017370 Status: Not Answered

Chosen Option: --

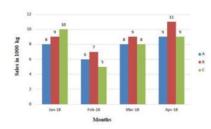
Q.18 The simplified value of

 $2\frac{1}{3}$ of $\left(\frac{3}{5} \div \frac{2}{9}\right) - \left(4\frac{2}{5} + \frac{19}{20} \div \frac{1}{2}\right)$ is:

Question ID: 98958017366 Status: Answered

Chosen Option: 1

Q.19 The given Bar Graph presents the sale (in 1000 kg) of a particular brand of tea by three outlets, A, B and C during the



What is the average sale per month by A during Jan-Mar, 2018?

Ans

- √ 1. 7333.33 kg
- × 2. 7505 kg
- X 3. 7334.67 kg
- X 4. 5500 kg

Question ID: 98958017377

Status: Answered

Chosen Option: 1

Q.20 Two chords AB and CD of a circle intersect at a point O inside the circle. It is given that AO = 1 cm, AB = 13 cm, CD = 8 cm. What is the ratio between the larger and smaller section among CO and OD?

Ans

- X 1. 11:5
- X 2. 9:7
- 3. 3:1

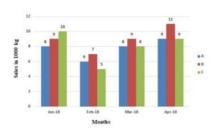
Question ID: 98958017371 Status: Not Answered

Chosen Option: --

Q.21

https://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954...

The given Bar Graph presents the sale (in 1000 kg) of a particular brand of tea by three outlets, A, B and C during the months Jan, Feb, Mar and Apr, 2018.



By how much quantity is the average sale per month from B more or less than that from C?

Ans

- X 1. More by 500 kg
- X 2. Less by 1000 kg
- X 3. Less by 800 kg
- ✓ 4. More by 1000 kg

Question ID: 98958017378

Status: Answered

Chosen Option: 4

Q.22 In a triangle ABC, PQ is a straight line parallel to AC, such that Area ABC : Area PBQ = 3 : 1 Then CB : CQ is equal to:

Ans

- \checkmark 1. $\frac{\sqrt{3}}{2}(\sqrt{3}+1)$
- \times 2. $\frac{\sqrt{3}}{2}$ $(\sqrt{3}-1)$
- X 3. $\frac{\sqrt{3}}{2}$
- \times 4. $\frac{\sqrt{3}-2}{2}$

Question ID: 98958017373

Status: Not Answered

Chosen Option : --

Q.23 An article is sold for ₹688.16 after two successive discounts of 12% and 8% respectively. What is its marked price?

Ans

https://t.me/examstocks

- X 1. ₹800
- X 2. ₹900
- X 3. ₹820
- √ 4 ₹850

Question ID: 98958017360

Status: Answered

Chosen Option: 4

Q.24 The given Bar Graph presents the sale (in 1000 kg) of a particular brand of tea by three outlets, A, B and C during the months Jan, Feb, Mar and Apr, 2018.



Arrange the ratio of sales from B to that from A and C, taken together, month wise in ascending order.

https://t.me/sscplus www.facebook.com/examstocksofficial https://t.me/railyexamstocks https://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954... 7/22/2019 Question ID: 98958016296 Status: Answered Chosen Option: 1 Q.11 Select the correctly spelt word. 1. terbulence 2. turbulance 3. turbulence 4. turbulense Question ID: 98958016294 Status: Answered Chosen Option: 3 Q.12 Select the most appropriate word for the given group of words The statistical study of the population Ans 1. demography 2. sociology 3. psychology Question ID: 98958016293 Status: Answered Chosen Option: 1 Q.13 Select the most appropriate synonym of the given word. **FLEETING** Ans 1. complete 2. momentary X 4. lasting Question ID: 98958016286 Status: Answered Chosen Option: 4 Q.14 Select the correct indirect form of the given sentence. The doctor told his patient, "Continue the same course of medicines for the next Ans X 1. The doctor told his patient to continued the same course of medicines in the next 2. The doctor told his patient for continuing the same course of medicines for the next X 3. The doctor told his patient that he may continue the same course of medicines in 4. The doctor told his patient to continue the same course of medicines for the following week. Question ID: 98958016275 Status: Answered Chosen Option: 4 Q.15 Select the most appropriate option to substitute the underlined segment in the given

sentence. If there is no need to substitute it, select No improvement.

The express bus generally stops at only the major towns on the route.

https://t.me/sscplus www.facebook.com/examstocksofficial https://t.me/railyexamstocks https://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954... 7/22/2019 Status: Answered Chosen Option: 4 Q.20 Select the correct passive form of the given sentence. They will not allow mobile phones in the examination hall. Ans 1. Mobile phones were not allowed in the examination hall. 2. Mobile phones are not being allowed in the examination hall. 3. Mobile phones will not be allowed in the examination hall. 4. Mobile phones are not allowed in the examination hall. Question ID: 98958016274 Status: Answered Chosen Option: 3 Q.21 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order. A. But now that his father had asked him to fetch some cheroots, he would have to pass by the high school to reach the shop. B. The teachers and students would all be there, and he was ashamed of being seen outdoors. C. Of late Krishna had confined himself to the four walls of the house. D. Wondering how to get past the school unnoticed, he slowly ventured out. Ans 2. ACBD 3. CABD X 4. DACB Question ID: 98958016285 Status: Answered Chosen Option: 3 Q.22 Select the most appropriate antonym of the given word. **CHRONIC** Ans 1. routine 2. regular 3. infrequent 4. continuing Question ID: 98958016289 Status: Answered Chosen Option: 3 Q.23 Select the most appropriate meaning of the given idiom draw a blank Ans 1. be unsuccessful 2. be happy about something

3. be unable to sketch

4. be lucky in a game

Question ID: 98958016291 Status: Answered Chosen Option: 1

Q.24 Identify the segment in the sentence which contains the grammatical error.

plus www.facebook.com/examstocksofficial https://t.me/railyexamstockships://ssc.digialm.com//per/g21/pub/2207/touchstone/AssessmentQPHTMLMode1//2207O19164/2207O19164S27D51868/1562954... https://t.me/sscplus 7/22/2019

The two states frequently has differences over the use of the river water especially during the summer months.

1. over the use of the river water

2. The two states frequently

3. has differences

4. especially during the summer months

Question ID: 98958016272 Status: Answered Chosen Option: 3

Q.25 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Today, man is master of the world and he makes the animals do what he likes.

B. Others he eats; and those like the lion and the tiger, he shoots for pleasure.

C. Early man, when he first came, must have been surrounded by many huge animals, and he must have lived in fear of them.

D. Some he tames like the horse, the cow, the elephant, the dog, the cat and so many others.

Ans

1. CADB

X 2. CBDA

3. ACBD

X 4. BCDA

Question ID: 98958016284 Status: Answered

Chosen Option: 1