SSC & Railway Exams

Home Assignment

1.Mintaka Pass connects which of the following?
A. Kashmir to China
B. Kashmir to Uttrakhand
C. Uttrakhand to China
D. Sikkim to China

2.Who won the men's 10 metres air pistol gold at the 63rd National Shooting Championship in Bhopal?
A. Abhinav Bindra
B. Saurabh Chaudhary
C. Abhishek Verma
D. Sarabjot Singh

3.Doppler Effect is related to _____.
A. Planets revolution
B. Reflection of wave
C. Motion of source and observer of waves
D. Frictional Force heat generation

4.Which of the following body cavity is generally lined by mesoderm?
A. Pseudocoelomate
B. Segmentation
C. Coelom
D. None of above

5.Water is an example of which type of magnetic material?
A. Diamagnetic
B. Paramagnetic
C. Ferromagnetic
D. All of above

6.A, B and C start a business. A invests $33\frac{1}{3}\%$ of the total capital, B invests 25% of the remaining and C invests the rest. If the total profit at the end of a year is ` 1,62,000, then A's share in profit is :
A. ` 54,000
B. ` 60,000
C. ` 81,000
D. ` 90,000

7.The HCF of two numbers is 21 and their LCM is 221 times the HCF. If one of the numbers lies between 200 and 300, then the sum of the digits of the other number is :
A. 14
B. 18
C. 17
D. 15

8.If 3sinθ=2cosθ, then $\frac{4\sin\theta - \cos\theta}{4\cos\theta + \sin\theta}$ is equal to:

A. $\frac{5}{7}$ B. $\frac{5}{14}$

C. $\frac{5}{8}$ D. $\frac{5}{11}$

9.2% of 73.33% of 0.00833% of 9/11 of x³/16 is equal to 27(3√3-5). find x?

A. $600(\sqrt{3}-1)$

B. $1200(\sqrt{3}-1)$

C. $900(\sqrt{3}-1)$

D. $600(\sqrt{3}-\sqrt{2})$

10.A cylindrical drum whose base is horizontal and having an internal radius of 6 cm contains sufficient water so that when a solid spherical ball is placed inside it, water just covers the spherical ball. Spherical ball fits in the cylindrical drum exactly. The depth of water in the cylindrical drum before the spherical ball was put, is
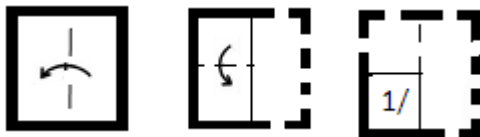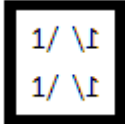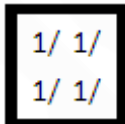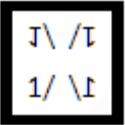
A. 2 cm

B. 3cm

C. 4 cm

D. 5 cm
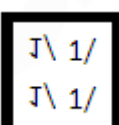
11.Select the missing number from the given options.

28	33	183
14	23	111
31	?	219

A. 40

B. 42

C. 30

D. 32

12.A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

13.Select the combination of letters that when sequentially placed in the gaps of the given

cab_cca_ccc_bcccab_cc_bcc

A. cbbbb

B. cbaca

C. cbcca

D. acaca

14.If NDTV is coded as 4404 and ABP is coded as 126, then how will NEWS be coded as?

A. 1245

B. 4565

C. 4569

D. 1569

15.Select the set in which the numbers are related in the same way as are the numbers of the following set.

(5, 14, 14)

A. (7, 38, 232)

B. (13, 43, 43)

C. (6, 36, 36)

D. (3, 21, 57)

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