Google Aptitude & Reasoning

1.Kitten: Cat:: Cub:?

A. Tiger

B. Dear

C. Giraffe

D. Horse

Answer – A. Tiger

Explanation:

Kitten is the young one of Cat similarly Cub is the younger one of Tiger

2. Choose the odd one

A. Orissa

B. Gujrat

C. Madhya Pradesh

D. Maharashtra

Answer – C. Madhya Pradesh

Explanation:

Except for Madhya Pradesh, all other states have the coastline

3.Statement: Wind is an inexhaustible source of energy.

Assumptions:I. Wind is one of the many sources of energy.

                 II. Wind is a source of energy which can be used forever.

A. If only assumption II is implicit.

B. If either I or II is implicit.

C. If neither I nor II is implicit.

D. If only assumption I is implicit.

Answer – A. If only assumption II is implicit.

Explanation:

The assumption on I is not implicit because the wind might be the only source of energy. Assumption II can be easily derived from the statement. "Inexhaustible" means incapable of being used entirely.

4. In a group of 6 students P, Q, R, S, T and U each one having different height. P is taller than T but not as tall as U. Q and U are not the tallest and also R is the shortest. Who is the tallest among them?

A. S

B. Q

C. U

D. P

Answer – A. S

Explanation:

S > (Q,U) > P > T > R

5. Pointing to a photograph, Sahil said, "She is the mother of my son's wife's daughter". How is Sahil related to a lady?

A. Father

B. Father-in-law

C. Son

D. Uncle

Answer – B. Father-in-law

Explanation:

My son's wife's daughter will be my granddaughter, and my granddaughter's mother will be my daughter-in-law. So I m father-in-law of a lady.

6.A woman walking with a boy meets another woman and on being asked about her relationship with the boy, she says, "My maternal uncle and his maternal uncle's maternal uncle are brothers." How is the boy related to the woman?

A. Grandson

B. Son or Nephew

C. Nephew

D. Son

Answer – B. Son or Nephew

Explanation:

This says that the woman's mother has 2 brothers. And they are women's maternal uncle.

The boy can be son too and son of a woman's brother too.

Directions (Q7– 8): Choose the exact Synonyms of the following words

7. Rescind

A. Exhilarate

B. Redeem

C. Fluctuate

D. Revoke

Answer – D. Revoke

Explanation: Rescind – revoke, cancel, or repeal (a law, order, or agreement).

8. Salient

A. Waver

B. Indecisive

C. Prominent

D. Vitalize

Answer – C. Prominent

Explanation: Salient – most noticeable or important.

Directions (Q9): Choose the option which when used to start a sentence combines both the below sentences in one.

9. Any change in oil prices has knock-on effects on almost every sector such as food, manufacturing, transport, and infrastructure. Such has been the nature of the Indian economy.

   I. The nature of the

   II. Oil pricing has to be

   III. Effects on every sector

A. I, III

B. II, III

C. III

D. I

Answer – D. I

Explanation: The nature of the Indian economy is such that any change in oil prices has knock-on effects on almost every sector such as food, manufacturing, transport, and infrastructure.

Choose the correct option in order to Fill in the Blanks

10. Against this_____, it may be valid to ask if giving the nod to the_____and then making an about-turn were no more than political manoeuvres on the part of the Centre.

A. compassionate, jettison

B. backdrop, ordinance

C. Clement, prejudice

D. nonconformism, abandon

Answer – B. backdrop, ordinance

Explanation: backdrop – a painted cloth hung at the back of a theatre stage as part of the scenery.ordinance – an authoritative order.

11.Closer to the admission season, it came out with a_____order_____85% of medical seats for State Board students.

A. disunity, ruination,

B. spearhead, shuck

C. controversial, earmarking

D. forbearing, perniciousness

Answer – C. controversial, earmarking

Explanation: controversial – giving rise or likely to give rise to controversy or public disagreement.

earmarking – designate (funds or resources) for a particular purpose.

Sentence Correction

12. The Chinese hold lapsed on Monday, and have it not raised an objection, the resolution designating Azhar a terrorist would have been passed automatically.

A. had this not raised an objection

B. had it not raised an objection

C. has it not raised an objection

D. have it not raise an objection

Answer – B. had it not raised an objection

Explanation:

had it not raised an objection

13.Indian exporters, especially from the employment oriented engineering (sector), suffering due to high cost production, with the situation aggravated by (government-imposed) restrictions on imports on steel, the basic raw material.

A. suffers due to high-cost production

B. suffers due to the high cost of production

C. suffer due to the high cost of productions

D. suffer due to the high cost of production

Answer – D. suffer due to the high cost of production

Explanation:

suffer due to the high cost of production

14. Ajay takes thrice as long to row a distance against the stream as to row the same distance in favor of the stream. The ratio of the speed of the boat in still water and stream is

A. 2:1

B. 2:3

C. 3:1

D. 1:2

Answer – A. 2:1

Explanation:

Let us assume

Speed downstream = x kmph

Speed upstream = 3x kmph

(3x+x)/2 : (3x-x)/2

4x/2 : 2x/2 = 2:1

15.At present Vishnu age is twice Dina's age and half of Kanan 's age. After 4 years Vishnu will be 1.5 times Dina's age and Kanan will be 2.5 times Dina's age, then find the Kanan 's age.

A. 18 years

B. 22 years

C. 16 years

D. 14 years

Answer – C. 16 years

Explanation:

Dina's present age = x

Vishnu's present age = 2 x

Kanan's present age = 4 x

After 4 years

Vishnu's age = 1.5*Dina's age

2 x+4 = 1.5(x+4)

0.5 x = 2

X=4

4 x=16 years

16.A starts the business with Rs. 7000 and after 5 months, B joins with A as his partner. After 1 year, the profit is divided in the ratio 2 : 3. What is B's contribution to the capital?

A. Rs. 15000

B. Rs. 18000

C. Rs. 13000

D. Rs. 12000

Answer – B. Rs. 18000

Explanation:

Let B's capital be Rs. x. Then.

(7000 x 12) / 7 x = 2/3 [capital ratio= profit ratio] 14 x = 252000 x = 18000

17. An alloy contains Brass, Iron, and Zinc in the ratio 2:3:1 and another contains Iron, zinc, and lead in the ratio 5:4:3. If equal weights of both alloys are melted together to form a third alloy, then what will be the weight of lead per kg in new alloy?

A. 5 1/9

B. 4 1/7

C. 1/8

D. 1/4

Answer – C. 1/8

Explanation:

Shortcut:

In the first alloy,

2:3:1 =6*2

5:4:3 =12

Multiply 2 to make it equal,

4:6:2

5:4:3

Adding all,

4:11:6:3=24

3/24=1/8

18. The average cost of 32 different Mobiles is Rs. 9000. Among them, Samsung which is the costliest is 70% higher price than the cheapest Mobile Vivo. Excluding those both mobiles, the average of the Mobiles is Rs.8880. Then what is the cost of Samsung Mobile?

A. Rs. 11600

B. Rs. 12400

C. Rs.13600

D. Rs. 10000

Answer – C. Rs.13600

Explanation:

V+S = 21600

S = L*170/100

S = 13600

Therefore, the cost of the Samsung mobile is Rs. 13600.

19. Rice worth Rs. 126 per kg and Rs. 134 per kg are mixed with a third variety in ratio 1: 1: 2. If the mixture is worth Rs. 177 per kg, the price of the third variety per kg will be:

A. 224

B. 238

C. 254

D. 216

Answer – A. 224

Explanation:

126*1+134*1+2x=177*4

260+2x=708

2x==708-260=448

x=448/2 = 224

Therefore, the price of the third variety per kg will be Rs. 224

20.A man can row 30 km upstream and 44 km downstream in 10 hrs. Also, he can row 40 km upstream and 55 km downstream in 13 hrs. Find the speed of the man in still water.

A. 8 km/hr

B. 10 km/hr

C. 12 km/hr

D. 5 km/hr

Answer – A. 8 km/hr

Explanation:

Let upstream speed = x, downstream speed = y km/hr

Then, 30/x + 44/y = 10 and 40/x + 55/y = 13

Put 1/x = a, 1/y = b

Solve the equations.

A = 1/5, b = 1/11

So, x = 5, y = 11

Speed in still water = (5+11)/2 = 8

Therefore, the speed of the man in water is 8 km/hr.can surely do well