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AFCAT 02/2021

28th August 2021

2nd Shift

Career Study

1

1 Three friends Anu, Lalita and Himanshu belongs to two cities, Anu and Lalita from city A Himanshu from city B. City A to B 1080 Miles. Lata at 6 am left city A and same time himanshu city B, Speed of lata and himanshu is 60 and 120 mph, they all meet at same place so when should anu left city A with 90mph

so that they meet at same place

2 A batsman has certain average in 9 innings, in 10th innings he scored 100 runs and average increase by 8 runs. Find new Average

3 A can do a work in 30 B in 20 Days, Sop both will take how much time

4 A can do a work in 18 days , B in 9 days C in 12 days, B and C started working together and work for 3 days and left, Find number of days taken by A to complete Remaining work

5 An article cost 125, With two succevice dioscout it cost 85. If 2nd dicount is 11%, Find 1st Discount

6 Speed of stream 2kmh and in still water speed is 6kmh, A dolphin swims A to B and then B to A. Find avg speed

7 Diff between SI and CI for 3 yrs is 15.50, Rate is 10 % Find Sum

2

8 A family consists of two grandparents, two parents and three grandchildren. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family?

9 5 senior citizens have age 65+ , 40 youngster between 20 to 30, each youngster get 15 percent of the total youngster, and each senior citizen gets 20 % of the total youngsters. Find total coupon.

10 Sum of .. amounts to ... in 2 years at certain rate, Find amount after 4 year

11 Divide 2975 in 35:23:27

12 A roti making machine can make 24 roties / hr, If it can make dinner of family in 6 min, on other day due to mistake it make in 8 min, Find the rate of machine this time

13 Change in fraction $5.12121212\dots$

14 Some chairs can be made by x worker. Due to emergency 50 % need of chair increases, therefore some new workers are employed. If new workers are 25 % more efficient to old workers, Find what % of new members are added to complete the work.

15 $1.6A = 0.06B$

Find $\frac{B-A}{A+B}$

Computer skilled, Graduate, Employed

Wood, Wooden block, Wood cock

Examination, Examine, Invigilator

Cow : Herd :: Dolphin :

Odd one out

Brass Steel silver Bronze

Athlete Singer Boy

A Principal : School

B Soldier : Barrack

C Artist : Troupe

D. Singer : Chorus

E. Odd one out

Chimpanzee :gorilla :kangaroo :baboon

Chinook : rafale :mirage :sukhoi..... Odd one out.

Argentina:brazil :: iran:_____

4

- 1 Which woman has won the most Olympic gold medals? Ans. Allyson Felix
- 2 When was the National Anthem adopted Ans. 24 January 1950
- 3 Who was the first Chairman of Finance Commission Ans. K.C. Neogy
- 4 With which of the following sports is the term 'Jab' associated Ans. Boxing
- 5 first female judge to be a part of the Supreme court of India? Ans. Fathima Beevi (1989)
- 6 Number of Languages in Schedule 8 Ans. 22
- 7 First state to be formed on basis of Language Ans. Andhra Pradesh
- 8 What is the Capital of Slovakia? Ans. Bratislava
- 9 Participation of women in Olympics started in which year? Ans. 1900
- 10 Maximum gold in Olympics is won by which female athlete? Ans. Larisa Latynina, gymnastics (URS, 1956-1964) 18 medals in gymnastics, nine of which were gold.
- 11 Who is the author of 'Animal Farm '? Ans. George Orwell

12 Which of the following is a fat-soluble vitamin? Ans. Vitamins A, D, E, and K are fat-soluble.

13 Capital of Shivaji Maharaj? Ans. Raigarh

14 Which one is different 1. Brass 2. Aluminum 3. Copper 4. Silver Ans. Brass

15 First Indian woman sportsperson to win gold at Table tennis in commonwealth games? Ans. Manika Batra

16 Sardar Sarovar dam is on which river? Ans. Narmada

17 Dhuandhar waterfall is located at which river? Ans. Narmada

18 What is the correct order of arrivals of Europeans to India? Ans. Portuguese, Dutch, British, Danes and finally French.

19 Founder of Haryanka dynasty? Ans. Bimbisara

20 The first Prime Minister of Kenya? Ans. Jomo Kenyatta

21 Who was the first Indian woman to win an Olympic medal in a sport? Ans. Karnam Malleshwari Sydney 2000 Olympic Games

22 Akbar Nama was written originally in which among the following languages.

Ans. Persian

23 Which one is Light Combat/Utility Helicopter (LCH)? Ans. HAL Dhruv

24 Which planet is known as Green Planet? Ans. Uranus

25 Who is sitar maestro of India? Ans. Pandit Ravi Shankar

26 America's Cup associated with which sports? Ans. Sailing

Antonym: Transient Ans. Synonyms – Temporary, Unstable

Antonyms – Permanent, Constant

Children are delighted _____ the house. a) with b) of c) for d) by Ans. (a)

Argentina : Brazil :: _____ : Iran Ans: Iraq