Welcome to Dhronas, your trusted partner in preparing for the WB Police Constable exam. We understand the significance of having a well-organized study plan, which is why we're thrilled to introduce the 'WB Police Constable Mains Question Paper' resource. Aspirants recognize the value of practicing with genuine question papers, and that's precisely what we offer. This resource provides invaluable insights into the exam's format, question types, and overall difficulty level. With our detailed answer key, you can self-assess and improve your preparation.

By reviewing this past paper, you not only familiarize yourself with the types of questions in the actual WB Police Constable exam but also gain a deeper understanding of its nuances. At Dhronas, we believe that a strong foundation in these question papers is essential for success. Whether you're a first-time aspirant or aiming to enhance your score, this resource is a vital addition to your study materials. Utilize it for practice, monitor your progress, and refine your exam strategy.

WB Police Constable Mains Question Paper

Q:1 What letter clusters must be placed in the place of (?)
BG, AH, DE, ?

1. AI
2. AD
3. KN
4. CF

Q:2 If a+b=5 and a-b=3, then ab=?

1. 2
2. 1
3. 8
4. 4

Q:3 Raju, Mahesh, Dinesh, Suresh and Gita are sitting in a row. Gita is not sitting beside Dinesh. Suresh is not sitting beside Raju, Mahesh is sitting beside Raju, Gita is not sitting beside Suresh, so what will be their sitting arrangement?

1. Suresh, Mahesh, Raju, Gita, Dinesh
2. Raju, Mahesh, Dinesh, Suresh, Gita
3. Gita, Raju, Mahesh, Dinesh, Suresh
4. Mahesh, Gita,Dinesh, Suresh,Raju

Q:4 What is the operating system of iPhone?

1. iOS
2. Android
3. Windows
4. Linux

Q:5 Fill in the blanks with appropriate word or preposition
David lives _____ the bus stand.

1. Against
2. Across
3. Through
4. By

Q:6 Find out the odd one from the given alternatives.

1. 98
2. 72
3. 120
4. 108

Q:7 Which one of the following words is correctly spelt?

1. Messege
2. Message
3. Mesage
4. Masage

Q:8 The difference of radius of two circle is 7 cm and the difference of their areas is 1078 cm2 . Then what will be the radius of the smallest circle ?

1. 20.5 cm
2. 21 cm
3. 16 cm
4. 18 cm

Q:9 Which word means as same as 'Refurbish'?

1. Destroy
2. Construct
3. Revamp
4. Fabricate

Q:10 At the end of 2019 which cyclone hit to the coastal area of West Bengal?

1. Fani
2. Bulbul
3. Hudhud
4. Titly

Q:11 'Pink ball test' was first played in which place ?

1. Lord's
2. Eden Garden
3. Sydney
4. Green Park

Q:12 The age of Suresh is twice of Kiran's age. If the sum of their ages is 24 years. Then, what is the age of Suresh?

1. 16
2. 14
3. 24
4. 20

Q:13 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech:
Virat said, "Ravi arrived on Monday".

1. Virat said that Ravi arrives on monday
2. Virat said that Ravi will arrive on Monday
3. Virat says that Ravi is arriving on monday
4. Virat said that Ravi had arrived on monday

Q:14 Which number will be placed at the place of (?)
4, 2, 5, 1, 6, ?

1. 7
2. 0
3. 11
4. 9

Q:15 How much percentage of calcium is present in the calcium carbonate?

1. 35%
2. 40%
3. 45%
4. 30%

Q:16 Who wrote 'The strange case of Dr.Jekyll and Mr. Hyde'?

1. Howard Pyle
2. Mark Twain
3. Robert Louis Stevenson
4. Mary Shelly

Q:17 Which word is opposite of "Plenty"?

1. Insufficient
2. Many
3. Abundant
4. Huge

Q:18 Who is the Chairman of ISRO?

1. K,Sivan
2. Vikas Singh
3. Parthapratim Chakraborty
4. A.K. Mahanti

Q:19 If 35 + 48 = 40, 23 + 34 = 24, 25 + 24 = 26, then 14+21=?

1. 18
2. 20
3. 15
4. 16

Q:20 Pacific and Atlantic Ocean is connected through which canal?

1. Panama canal
2. Suez canal
3. North sea canal
4. Stanley canal

Q:21 If + means - , - means ×, ÷ means +, × means ÷, then
10 × 5 ÷ 3 -2 +3=?

1. 16
2. 5
3. 21
4. 18

Q:22 Famous athlete Swapna Barman hails from which of the following districts of West Bengal?

1. Jalpaiguri
2. Cooachbehar
3. Malda
4. Purulia

Q:23 Fill in the blanks with appropriate word or preposition.
The man was accused _____ theft.

1. By
2. About
3. Of
4. For

Q:24 In a certain code 2 5 6 means "you are good", 6, 3, 7 means "we are bad" and 3, 5, 8 means "Good and bad". Then what is the code for "and"?

1. 5
2. 8
3. 2
4. 3

Q:25 Fill in the blanks with appropriate word or preposition.
We shall discuss the matter _____ a cup of tea.

1. On
2. Before
3. With
4. Over

Q:26 Which number will be placed in the place of (?)
2, 9, 28, ?

1. 38
2. 29
3. 65
4. 45

Q:27 The Kharif crop are harvested in the month of

1. September-October
2. October-Novemver
3. June-July
4. May-July

Q:28 Which one of the following words is correctly spelt?

1. Independence
2. Independance
3. Indipandence
4. Independense

Q:29 Which of the following leader's pseudonym was P.N.Thakur?

1. Rashbehari Basu
2. Subhash Chandra Basu
3. Hemchandra Kanungo
4. Sachindra Nath Sanyal

Q:30 Sum of the present age of A and B is 55 years. 10 years ago the ratio of their ages was 4:3. What is the present age of A and B?

1. 40, 25
2. 24, 31
3. 32, 23
4. 25, 30

Q:31 Choose the correct proverb:

1. Ends well is all
2. All's well that ends well
3. The end is well
4. All is well that end is well

Q:32 When 40% is subtracted from a number, it becomes 300. What is the original number?

1. 500
2. 400
3. 200
4. 600

Q:33 Who is the creator of the character " Mitin Mashi"?

1. Suchitra Bhattacharya
2. Bani Basu
3. Nabanita Dev Sen
4. Shirshendu Mukhopadhya

Q:34 Choose the correct proverb:

1. A stitch in time saves nine
2. A stitch in time saves fine
3. A stitch in time saves five
4. A stitch in time saves ten

Q:35 Who is chief executive officer (CEO) of Google ?

1. Sachin Bansal
2. Satya Nadella
3. Indra Nooyi
4. Sundar Pichai

Q:36 If 25 workers earn 810 rupee in 4 days. Then 12 workers earn how many rupees in 15 days?

1. Rs. 1560
2. Rs. 1458
3. Rs. 1700
4. Rs. 1638

Q:37 Which is the correct one for "an afternoon nap"?

1. Doze
2. Catnap
3. Slumber
4. Siesta

Q:38 Megasthenes's famous novel Indica depitcs the history of which dynasty?

1. Gupta
2. Pallava
3. Maurya
4. Chalukya

Q:39 Choose the correct proverb:

1. Barking dogs seldom bite
2. Barking dogs always bite
3. Lurking dogs always cry
4. Barking dogs bite at night

Q:40 When FLOWER is written UOLDVI in a code language, then FMRJFV will be coded as?

1. EUQINU
2. ELQIEU
3. UNIQUE
4. TMGPTO

Q:41 In how much time would the simple interest on a certain sum be double the principal at 12% per annum?

1. 7 years 5 month
2. 6 years 9 month
3. 8 years 6 month
4. 8 years 4 month

Q:42 Mawsynram is located in which state of India?

1. Tripura
2. Nagaland
3. Manipur
4. Meghalaya

Q:43 20 liter mixture of milk and water has 10% water. How much water should be poured into the mixture so that water be 25%?

1. 4 liter
2. 2 liter
3. 8 liter
4. 6 liter

Q:44 Which will be placed in the place of question mark (?)
EBC, IFG, OJK, ?

1. MTC
2. UNO
3. DPQ
4. PSX

Q:45 Who was the founder of Pala dynasty?

1. Mahipala
2. Dharmapala
3. Gopala
4. Devpala

Q:46 Fill in the blank with appropriate word or preposition
Ostrich prefer running _____ flying

1. For
2. Against
3. To
4. Of

Q:47 If the height of an equilateral triangle is $\sqrt{6}$. Then area of the triangle is ?

1. $2\sqrt{3}$
2. $\sqrt{3}$
3. 6
4. 5

Q:48 Which country's Prime Minister got Nobel Peace Prize in 2019?

1. Mali
2. Chad
3. Sudan
4. Ethiopia

Q:49 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech
Who is a state revenue officer of a district ?

1. District magistrate
2. District police superintendent
3. Governor
4. Chief Minister

Q:50 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech
Which one of the following words is correctly spelt?

1. Renovation
2. Reinnovasion
3. Rinovation
4. Renovetion

Q:51 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech
Recently Bushfire Crisis happened in which place?

1. Denmark
2. India
3. Afghanistan
4. Australia

Q:52 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech
The average age of 16 boys is 20 years. When one new girl entered the group average age is increased by 2 years. What is the new age of the girl?

1. 52 year
2. 54 year
3. 14 year
4. 37 year

Q:53 $\sqrt{5 + \sqrt{11 + \sqrt{19 + \sqrt{29 + \sqrt{49}}}}}$

1. 2
2. 1
3. 6
4. 3

Q:54 $\left(1 + \frac{1}{2}\right)\left(1 + \frac{1}{3}\right)\left(1 + \frac{1}{4}\right) \ldots \ldots \left(1 + \frac{1}{88}\right) = ?$

1. 44.5
2. 45
3. 82/89
4. 44

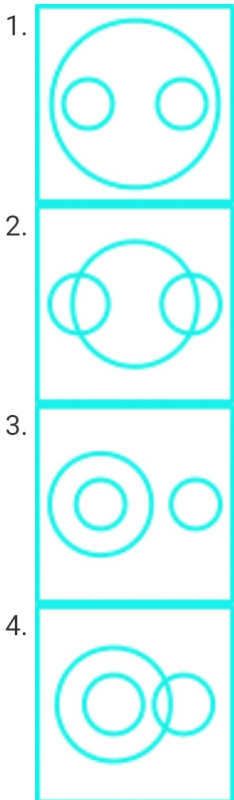**Q:55**

1. 495
2. 372
3. 604
4. 591

Q:56 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

Which one of the following words is correctly spelt?

1. Assasination
2. Asacination
3. Assatination
4. Assassination

Q:57 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

Which of the following diagrams represent correctly the relation between the following:-
Currency, Rupee and Dollar

Q:58 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

A zoo has some number of lions and parrots. If the number of heads of them is 100 and number of feet is 290. How many parrots are there in the zoo?

1. 55
2. 45
3. 75
4. 65

Q:59 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

1. Srinivasa Ramanujan was a famous
2. Chemists
3. Physicist
4. Biologist
5. Mathematician

Q:60 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

The Income ratio of A and B is 3 : 4 and the ratio of their expenditure is 2 : 3. If each of them save Rs. 200 , what is the income of A and B?

1. 600, 800
2. 500, 700
3. 900, 1200
4. 300, 400

Q:61 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

Time of zero hour in Parliament is:

1. 11am to 12pm
2. 11am to 1pm
3. 12pm to 3pm
4. 12pm to 1pm

Q:62 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

If an angle of an isosceles triangle is 30° then what is the value of its larger angle ?

1. 120°
2. 135°
3. 100°
4. 110°

Q:63 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech
Which word is opposite of "rough"?

1. Rascal
2. Crooked
3. Scrupulous
4. Scoundrel

Q:64 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech
Find out which one is different form the following.

1. ASIA
2. AUSTRALIA
3. AFRICA
4. ALASKA

Q:65 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech
Select the correct proverb.

1. Empty vessels make most noise.
2. Empty vessels make no noise.
3. Empty vessels take out noise.
4. Empty vessels make must noise .

Q:66 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

P is shorter than Q but taller than R. S, is shorter than P but taller than R and U is shorter than Q but taller than P. Who among them is shortest?

1. Q
2. P
3. S
4. R

Q:67 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

Where is the headquarter of UNICEF situated?

1. Paris
2. New York
3. Dhaka
4. Singapore

Q:68 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

Which word means same as 'sophisticated?

1. Funky
2. Brusque
3. Gentle
4. Genteel

Q:69 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

Which amendment act decreased the voting age from 21 to 18?

1. 59th
2. 58th
3. 61st
4. 60th

Q:70 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

The girl said, " I am very busy now".

1. The girl told she is busy then
2. The girl said that she was very busy then
3. The girl said that she is very busy now
4. The girl is busy now

Q:71 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

A train running with the speed of 54 km/h crosses a 270 meter long bridge in 30 sec. What is the length of the train?

1. 150 meter
2. 100 meter
3. 200 meter
4. 180 meter

Q:72 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech
Choose the correct proverb.

1. Better fate comes never. .
2. Better late than ever .
3. Better early than never.
4. Better late than never.

Q:73 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

If L.C.M and H.C.F of two numbers are respectively 36 and 6. If one number is 12 then the other number is

1. 18
2. 15
3. 24
4. 20

Q:74 Out of the alternative suggested, select the one which best expresses the sentence in indirect speech

He asked me,"What are you doing?"

1. He asked about my activities.
2. He asked me what I am doing .
3. He asked me what I was doing .
4. He asked me what I did .

Q:75 $Sin^2 A + Cos^2 A = ?$

1. 3
2. 4
3. 1
4. 2

Q:76 Fill in the blank with appropriate word or preposition.
Rahul is addicted _____ gambling.

1. To
2. With
3. Of
4. On

Q:77 Who was appointed as the Chief of Defense Staff on December 31, 2019?

1. Davir Singh Suhag
2. Bipin Rawat
3. Arup Raha
4. Shankar Roychoudhury

Q:78 Which one of the following words is correctly spelt?

1. Qu
2. Quey
3. Queue
4. Que

Q:79 National Human Rights Day is observe on _____

1. 6 June
2. 8 March
3. 10 December
4. 6 August

Q:80 If the sum of two number is 13 and their difference is 3, then largest number is?

1. 8
2. 11
3. 6
4. 7

Q:81 Who wrote ' The Hound of the Baskervilles'?

1. John Keats
2. Arthur Conan Doyle
3. Anna swell
4. O. Henry

Q:82 What is the SI unit of temperature?

1. Pascal
2. Kelvin
3. Newton
4. Dyne

Q:83 A person brought 400 oranges. He sold 320 oranges at the rate of cost price. Then what is his profit percentage?

1. 10%
2. 25%
3. 15%
4. 20%

Q:84 A is father of C. D is son of B. E is brother of A. C is sister of D. In which way, B is related to E?

1. Brother
2. Sister in law
3. Uncle
4. Sister

Q:85 Summer solstice in Northern Hemisphere occurs on which date of the year?

1. 21 March
2. 21 June
3. 23 September
4. 22 December

WB Police Constable Mains Question Paper - Solution

Q:1 The correct answer is **option 4 i.e CF**.

Logic	Application
Addition of place value of each letter is 9	BG= 2+7=9 AH= 1+8=9 DE= 4+5=9 Similarly, CF=3+6=9

Q:2 The correct answer is **Option 4 i.e 4**.

Given,

a+b=5.............(i)

a-b=3...............(ii)

After solving two equations

2a=8

a=4

Putting the value of a in the first equation

4+b=5

b=1

Therefore, ab=4×1=4

Q:3 The correct answer is **option 3 i.e Gita, Raju, Mahesh, Dinesh, Suresh**.

Given,

Gita is not sitting beside Dinesh.

Dinesh Gita Dinesh ×

Suresh is not sitting beside Raju,

Raju Suresh Raju ×

Mahesh is sitting beside Raju,

Mahesh, Raju Mahesh ✓

Gita is not sitting beside Suresh.

Suresh Gita Suresh ×

According to the question the sitting arrangement should be

Gita,Raju,Mahesh, Dinesh, Suresh

Q:4 The correct answer is **option 1 i.e iOS**.

- iOS is a mobile operating system created and developed by Apple Inc which is used in many of the company's devices.
- Apple Inc launched iPhone in 2007.

Q:5 The correct answer is **option 2 i.e Across**.

- Across is used as a preposition and adverb. Across means on the other side of something, or from one side to the other of somethings which has sides or limits as a city, road,river

Q:6 The correct answer is **option 1 i.e 98**.

The given number which all are divisible by 6 except 98

72÷6=12

120÷6=20

108÷6=18

Q:7 The correct answer is **option 2 i.e message**.

- The meaning of the word is a verbal, written or record communication sent to or left for a recipient who cannot be contacted directly

Q:8 The correct answer is **option 2 i.e 21 cm**.

Solution:

Let, Radius of larger circle is R and smaller circle r

difference of their radius 7cm

R - r = 7cm...............(i)

Difference of their area 1078cm

$\pi R^2 - \pi r^2 = 1078$

$R^2 - r^2 = 1078 \times (7/22)$

$R^2 - r^2 = 343$

According to,

$R^2 - r^2 = (R+r)(R-r)$

$343 = (R+r) \times 7$

R + r = 49..................(ii)

Therefore,

2R=56 [solving the equation (i) and (ii)]

R= 28

R - r = 7

28 - r =7

r = 21cm hence proved

Q:9 The correct answer is **option 3 i.e Revamp**.

- Refurbished meaning is mordanized, remodeled, renewed etc. Whereas Revamp means is as same as refurbish.
- Destroy meaning end of existence of something by damaging or attacking
- Construct means build or make something typically a building, road or machine.
- Fabricate means invent in order to deceive.

Q:10 The correct answer is **option 2 i.e Bulbul**.

- Bulbul was originated in Andaman sea/ bay of Bengal.
- The Bulbul name was given by Pakistan.
- It was mainly hited the coastal area of odisha and West Bengal.
- Fani was originated by tropical depression in Indian Ocean. This name was given by Bangladesh
- Hudhud name was given by Oman
- The cyclone title name was given by Pakistan

Q:11 The correct answer is **option 2 i.e Eden Garden**.

- On 22 November 2019, the Indian men's cricket team created history by plying in its first ever pink ball test against Bangladesh at Eden Garden in kolkata.
- The pink ball has been introduced to contrast with players white clothing and fir improvement of night visibility during day/night test match.

Q:12 The correct answer is **option 1 i.e 16**.

Solution

Suresh age is double of Kiran's age

Let, Kiran's age is X, and Suresh age is 2X

If, sum of their age is 24 years,

Accordingly,

X+2X = 24

X=8

Hence, Suresh age is 8×2=16

Q:13 The correct answer is **option 4 i.e Virat said that Ravi had arrived Monday**.

Direct Speech	Indirect Speech
Simple Past - Second Form of Verb	Past Perfect - Had + Thrid form of Verb
Virat said, "Ravi arrived on Monday".	Virat said that Ravi had arrived Monday.

Q:14 The correct answer is **option 2 i.e 0**.

Logic

4, 2, 5, 1, 6

6 - 6 = 0

Difference method

So, the answer will be 0

Q:15 The correct answer is **option 2 i.e 40%**.

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- Calcium carbonate is a chemical compound with the formula of $CaCO_3$
- It is found in rocks as a mineral and is the main compound of eggshells, seashells and pearls.
- Limestone is a form of calcium carbonate

Q:16 The correct answer is **option 3 i.e Robert Louis Stvenson**.

- The story is about good versus evil, the complexity of science and duplicity of human nature
- There are two side of our personality and we are continuously battling with goods and evils.

Q:17 The correct answer is **option 1 i.e Insufficient**.

- Plenty means an amount or supply more than sufficient to meet one's needs.
- Some Synonym of plenty are abundance, cornucopia, feast, sufficient, oversupply, excess, fertility etc
- So here the appropriate antonym of plenty is Insufficient.

Q:18 The correct answer is **option 1 i.e K.Sivan**.

- K.Sivan is the current Chairman of the Indian space research organization
- He was joined in 1982 to conduct the PSLV project
- ISRO was founded in 15th August 1969
- Headquarter is in Bangaluru

Q:19 The correct answer is **option 4 i.e 16**.

Logic:

35+48=40

3+5+4+8= 20, 20×2= 40

23+34=24

2+3+3+4=12, 12×2= 24

25+24=26

2+5+2+4=13, 13×2=26

Then, 14+21=

1+4+2+1= 8, 8×2=16

Q:20 The correct answer is **option 1 i.e Panama canal**.

- Panama canal connected the pacific and Atlantic Ocean through the isthmus of Panama.
- It is 82 km long artificial waterway

Q:21 The correct answer is **option 2 i.e 5**.

Solution:

If 10 × 5 ÷ 3 - 2 + 3,

Then, 10 ÷ 5 + 3 × 2 - 3 = 5

Here calculation followed the BODMAS rule.

Q:22 The correct answer is **option 1 i.e Jalpaiguri**.

- Swapna Barman is associated with Heptathlon.
- She won gold model in Asian Games in 2018
- Swapna Barman was awarded Arjuna Award in 2019
- A heptathion is a combination of track and field events contest made of seven events.

Q:23 The correct answer is **option 3 i.e of**.

- Of is used for somebody's belongings, relating to somebody.
- Coming from a particular background or living in a place OF preposition used
- Relating to or showing somebody OF is used
- Some fixed preposition accused of, acquit of, afraid of, assure of, ashamed of, apprise of, beware of, boast of, compared of , conscious of, convict of etc.

Q:24 The correct answer is **option 2 i.e 8**.

Logic:

in 3, 5, 8 code which represents "good and bad" where only "and" term used.

3 and 5 codes are used for the given other two sentence. Only 8 is left for the term "and".

Q:25 The correct answer is **option 4 i.e Over**.

- "OVER" in this context means that you will be talking or talking some similar action during the time when you are eating or drinking something, or(much more rarely) doing something other activity.

Q:26 The correct answer is **option 3 i.e 65**.

Logic:

13 +1=2

23 +1=9

33 +1=28

43 +1=65

Hence, the correct answer is 65

Q:27 The correct answer is **option 1 i.e September-October**.

- Kharif crop are mainly sown in the rainy season and harvested in month of September-November
- Kharif crop requires high temperature and high water supply.
- Some important Kharif crop are paddy, maize, cotton, jute, Bajra etc.
- Rabi crop are shown in winter season from October-December and harvest in April-June. Ex- wheat, peas, gram etc.

Q:28 The correct answer is **option 1 i.e Independence**.

- Which means freedom from being governed or ruled by another country
- Or the state of wanting or being able to do things for yourself and make your own decisions, without help or influence from other people

Q:29 The correct answer is **option 1 i.e P.N.Thakur**.

- Rashbehari Bose fled to Japan in 1915 because of the Delhi bomb conspiracy. When lord Harding's shifted capital from Calcutta to Delhi, by the order of Bose, Basant Biswas thrown a bomb towards Harding's.
- For avoiding the consequences Bose fled for Japan with the name of Pramath Ranjan Thakur, relative of Rabindra Nath Thakur.

Q:30 The correct answer is **option 4 i.e 25, 30**.

Solution:

Let, the present age of A=X and B=Y

10 years ago the ratio of their age is 4:3

If sum of their age is, X+Y=55, X=55-Y

Accordingly,

(X-10)/(Y-10)=4/3

3X-30=4Y-40

3X-4Y=-10

Putting the value of X

3×(55-Y)-4Y=-10

165-3Y-4Y=-10

7Y=175

Y=25

X=30

Q:31 The correct answer is **option i.e All is well that end is a well**.

- Used for saying that a situation that did not start in a good way has ended in a way that is satisfactory or pleasing.

Q:32 The correct answer is **option 1 i.e 500**.

Solution:

Let, the original no is X

It is subtracted by its 40%

Accordingly,

X-40X/100 = 300

(100X-40X)/100 =300

X=500

Original number is 500

Q:33 The correct answer is **option 1 i.e Suchitra Bhattacharya**.

- Mitin Mashi is a female detective character who goes on to the thrill of adventure and detection. This character is created by Suchitra Bhattacharya.
- Some notable work by her is Hementer Pakhi, Kachher Manus, Aleek Sukh etc.

Q:34 The correct answer is **option i.e A stitch in time saves nine**.

- Which means it is better to fix a problem when it is small than to wait and let it became a bigger problem.

Q:35 The correct answer is **option 4 i.e Sundar Pichai**.

- Sunday Pichai appointed CEO of Google Alphabet
- Satya Nadella is CEO of Microsoft
- Indra Nooyi former CEO of PepsiCo
- Sachin Bansal is an executive Chairman of Flipkart.

Q:36 The correct answer is **option 2 i.e Rs. 1458**.

Solution:

Formula: (M1 × D1)/ W1 = (M2 × D2)/ W2

Accordingly,

Let, 12 people earn X Rs in 15 days.

(25×4)/810= (12×15)/X

5X= 810×3×3

X= 1458

Hence, the correct answer is 1458 Rs.

Q:37 The correct answer is **option 4 i.e siesta**.

- Siesta is a Spanish word which means a short nap taken in the early afternoon, often after the midday meal.
- Doze means light sleep
- Catnap means have a short sleep during the day
- Slumber means to sleep lightly

Q:38 The correct answer is **option 3 i.e mauryan dynasty**.

- Megastgenes was a Greek ambassador of India of seleucus nikator.
- He visited India during the region of chandragupta maurya.
- Indica is a book of mauryan India. It provides the details about the mauryan administration and military organization in the Indian subcontinent.

Q:39 The correct answer is **option 1 i.e Barking dogs seldom bite**.

- Which means to threaten someone, but not take action or follow through with threats. Or someone who makes lot of noise but is harmless.
- For example: we have to put up with all this political posturing and noise every general election, but Barking dogs seldom bite, and nothing ever changes.

Q:40 The correct answer is **option 3 i.e UNIQUE**.

LOGIC:

In the given series followed the opposite letter of the alphabet.

A- B- C- D- E- F- G- H- I- J- K- L- M

Z- Y- X- W- V-U- T- S- R- Q- P-O- N

SO, FMRJFV will be coded UNIQUE

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Q:41 The correct answer is **option 4 i.e 8 years 4 month**.

Solution:

Formula: simple interest= PRT/100

Let the sum be X, and time= T

Rate of interest=12%

According to,

(X×12×T)/100=X

T=100/12

T= 8 years 4 month

Q:42 The correct answer is **option 4 i.e Meghalaya**.

- Mawsynram is a town in the east khasi of meghalaya.
- It's receives highest rainfall in India
- Mawsynram located in khasi hills which is a part of garo-khasi-jayantia range and connected purvanchal range and larger patkai range. Highest peak of East khasi hills is Lum shyllong

Q:43 The correct answer is **option 1 i.e 4 liter**.

Solution:

20 liter mixture of milk and water have 10% water,

So, ratio of milk : water = 90:10=9:1

So, milk is 18 liter and water is 2liter

Let, x liter water should be poured, so that new percentage of water will be 25

New ratio of milk: water= 75:25=3:1

According to,

18/(2+X)=3/1

6+3X=18

3x=12

X=4 liter, henced proved.

Q:44 The correct answer is **option 2 i.e UNO**.

CONCEPT:

In English alphabet we have 5 vowel and 21 consonant among 26 letters.

5 vowel are A,E,I,O,U

In the given series

EBC has E vowel

IFG has I vowel

OJK has O vowel

Next should be U vowel

Then BC (DE) FG (HI) JK (LM) NO be placed after U. Because after last letter it skips 2 letters.

Hence, correct answer is UNO.

Q:45 The correct answer is **option 3 i.e Gopala**.

- It's founder, Golpala was a local chieftain who rose to power in the mid 8th century during a period of anarchy
- The Buddhist complex of paharpur was created under the Pala dynasty in Bengal and fostered by successive leader

Q:46 The correct answer is **option 3 i.e to**.

To is used to indicate movement from one place to another

Some fixed preposition is

Confirm to

Forbid to

Detrimental to

Entrust to

Extend to

Election to

Q:47 The correct answer is **option 1 i.e 2√3**.

Solution,

An equilateral triangle is a triangle whose all three side are equal. And internal each angle is 60°

Formula:

Area of an equilateral triangle is

√3/4 × a2 (a = length of a side)

if height of triangle is √6 it is equally divided triangle into two parts.

Tan 60° = height/base

√3 = √6/ base

Base = (√3×√2)/√3

Base = √2

Total base = 2√2

Area = √3/4× (2√2)2

Area = 2√3

Q:48 The correct answer is **option 4 i.e Ethiopia**.

The Nobel Peace Prize for 2019 is awarded to Ethiopian Prime Minister Abiy Ahmed Ali

- He has been awarded to his effort to achieve peace and international cooperation to resolve the border conflict with neighboring Eritrea a northwestern African country.

Q:49 The correct answer is **option 1 i.e District magistrate**.

The power of district magistrage in India are

- To maintain law and order
- Control over police
- To check passport of foreigners
- The district magistrate power over the administration of lock ups and jails in the district

Q:50 The correct answer is **option 1 i.e Renovation**.

Renovation meaning in transitive verb 'to restore to a former better state' (as by cleaning, reparing or rebuilding).

Q:51 The correct answer is **option 4 i.e Australia**.

- More than 6.3 million Hector have been burned by bushfire in Australia.
- This year a natural weather phenomenon know as ' Indian Ocean dipole' has meant a hot dry spell across the country. Australia has set a new record of average temperature of 41.9°C.
- The plumes were so thick that a NASA satellite snapped picture of it from space.
- More than 1 billion mammals, birds, and reptiles likely lost their lives in the blazes.

Q:52 The correct answer is **option 2 i.e 54 year**.

Solution:

Average age of 16 boys is 20 years.

Total age of 16 boys is 20×16 = 320 years

Let, the age of the new girl is X

According to:

(320+X)/17 = 20+2

=> X= 374-320

=> X=54

Q:53 The correct answer is **option 4 i.e 3**.

$$\sqrt{5 + \sqrt{11 + \sqrt{19 + \sqrt{29 + \sqrt{49}}}}}$$

$$= \sqrt{5 + \sqrt{11 + \sqrt{19 + \sqrt{29 + 7}}}}$$

$$= \sqrt{5 + \sqrt{11 + \sqrt{19 + 6}}}$$

$$= \sqrt{5 + \sqrt{11 + \sqrt{25}}}$$

$$= \sqrt{5 + \sqrt{11 + 5}}$$

$$= \sqrt{5 + 4}$$

= 3

Q:54 The correct answer is **option 1 i.e 44.5**.

Solution:

(1+1/2)(1+1/3)(1+1/4).......(1+1/88)

=(3/2)(4/3)(5/4).....(89/88)

=89/2

44.5

The correct answer is 44.5

Logic:

3 × 2 = 6 + 3 =9

9 × 2 = 18 + 5 =23

23 × 2 = 46 + 7 =53

53 × 2 = 106 + 9= 115

115 × 2 = 230 + 11 =241

241 × 2 = 482 + 13= 495

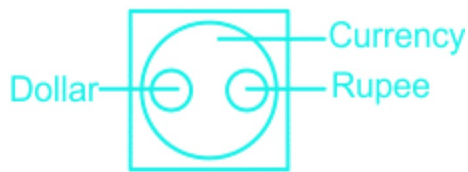**Q:56** The correct answer is **option 4 i.e Assassination**.

The meaning of the word is

To murder (a usually prominent person) by sudden or secret attack often for political reason a plot to assassination the governor.

Q:57 The correct answer is **option 1** i.e -

Rupee is Indian currency and dollar is American currency.

Q:58 The correct answer is **option 1 i.e 55**.

Given, no of head of them = 100

And no of feet of them= 290

Let,

no of parrots=X and no of lions=Y

So, X+Y=100---------------(i)

And 2X+4Y=290------------(i)

To solving this equation 2 should be multiply by (i) equation.

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Y= 45

If X+Y=100

X+45=100

X=55

No of parrots in the zoo is 55.

Q:59 The correct answer is **option 4 i.e mathematician**.

- He discovered that 1792 is the magic number because of it is the only number that can be expressed as the sum of cubes for two different sets of number
- He was elected to the royal society of London in 1918
- Tamil Nadu government celebrate states IT day on his birthday 22nd December and also celebrate national mathematics day.

Q:60 The correct answer is **option 1 i.e 600, 800**.

Formula: income= expenditure+saving

Calculation:

Let, the income of A and B is 3x and 4x respectively.

(3x-200)/(4x-200)=2/3

=> 9x-600=8x-400

=> x=200

The income of A= 3×200=600

The Income of B=4×200=800

Q:61 The correct answer is **option 4 i.e 12pm to 1pm**.

- Zero hour is an idea derived from the Indian parliament itself.
- In zero hour when MP's felt the need to raise the national and important issues of their parliamentary constituency.

Q:62 The correct answer is **option 1 i.e 120°**.

Solution

An isoscele triangle have two equal angle.

Let, the larger angle is X. And 180° is is sum of all three angle

Therefore,

180°=X+30+30

Hence, X=120°

Q:63 The correct answer is **option 3 i.e scrupulous**.

• Rough means, not smooth or uneven

Whereas s rupulous means Conscientious, alert, watchful etc.

• Rascal means a mischievous or cheeky person
• Crooked means bent or twisted out of shape or out of place
• scoundrel means a dishonest or unscrupulous person

Q:64 The correct answer is **option 4 i.e ALASKA**.

• The logic is Asia, Africa and Australia are continent whereas Alaska is north-western portion of the North American continent.
• Continent are large land masses that are separate by oceans whereas the countries are geopolitical land boundaries.

Q:65 The correct answer is **option 1 i.e Empty vessels make the most noise**.

• Which means that the fondness of external show is a sign of weakness than of strength. A truly fine object needs no ornament.

Q:66 The correct answer is **option 4 i.e R**.

Solution

P is shorter than Q but taller than R

So Q>P>R

S is shorter than P but taller than R

So, P>S>R

U is shorter than Q but taller than R

So, Q>U>P>S>R

R is shortest among all of them.

Q:67 The correct answer is **option 2 i.e New York**.

- It was established post world War II in the General Assembly of United States on 11 December 1948 to provide supplies and assistance to children after world War II.
- It is comprises 192 countries and territories.
- In 1970's UNICEF became key partner with Indian for world largest water supply programme.

Q:68 The correct answer is **option 4 i.e Genteel**.

- Genteel means polite, refined or respectable, often in an affected or ostentatious way. Whereas gentle means mild in temperament
- Brusque meaning abrupt or offhand in speed h or manner
- Funky meaning coward, frightened, etc .

Q:69 The correct answer is **option 3 i.e 61st amendment act**.

- Article 362, by 61 amendment act of the Indian constitution decreased the voting age from 21 to 18 for the state legislative assembly and lok sabha election.
- The bill was approved on 28 March 1989

Q:70 The correct answer is **option 2 i.e The girl said that she was very busy then**.

- In this narration the sentence into indirect speech pronoun and verb change according to the reported speech.
- I became she
- Am became was
- Now became then

Q:71 The correct answer is **option 4 i.e 180 meter**.

To cross a pole,

Time = trains length/speed

To cross a bridge,

Time = length of train + length of bridge/speed

54km/h = 54 × 5/18 = 15m/sec

According to formula

270 + length of train /15 = 30

270 + length of train = 450

Hence, Length of train = 450 - 270 = 180

Q:72 The correct answer is **option 4 i.e Better late than never**.

Which means it is better do something late or arrive for something late than not doing it at all.

Q:73 The correct answer is **option 1 i.e 18**.

Solution

Product of two number= product of their L.C.M and H.C.F

therefore

One number × 12 = 36 × 6

One number = (36×6)/12

Hence, One number =18

Q:74 The correct answer is **option 3 i.e He asked me what I was doing**.

While changing the sentence from indirect to speech to direct speech

- The comma and Inverted comma used in direct speech - to remove Inverted commas from the direct speech and place them with an appropriate conjunction
- To change reporting verb according to report speech - the pronoun of the reported speech is changed according to the pronoun of the reporting verb.

Q:75 The correct answer is **option 3 i.e 1**.

Solution

In a right angled $\triangle$ OAB, where $\angle BOA = \theta$

Sin θ= perpendicular/Hypotenuse

Cos θ= base/ Hypotenuse

Therefore sin2 θ+ cos2 θ=1b

Q:76 The correct answer is **option 1 i.e To**.

Understanding	Application
For example - Some fixed prepositions are: According to, Accustomed to, Averse to, Allude to, Alternative to, Apply to, Approximate to, Conducive to	Hence, the correct sentence will be - Rahul is addicted to gambling.

Q:77 The correct answer is **option 2 i.e Bipin Rawat**.

- General Bipin Rawat is the four star General of the Indian army.
- He was named India's CDS on 30 December 2019 and assumed office on 1st January 2020.
- He is the third officer of the Gorkhas Brigade to be chief of staff of the army, Field Marshal Sam Manekshew and General Dalbir Singh Suhag.
- On 8th December 2021 he was killed in a helicopter crash in coonoor along with his wife and 12 other defense personnel.

Q:78 The correct answer is **option 3 i.e Queue**.

The correct spelling word is Queue. Which means a line or sequence of people or vehicles awaiting their turn to be attended to or to proceed.

Q:79 The correct answer is **option 3 i.e 10 December**.

- Human rights day is observe annually across the world on 10th December.
- The universal declaration of human rights was adopted on 10th December 1948
- It was declared by United Nations General Assembly
- The theme of Human Right day 2019 is Youth standing up for Human Rights.

Q:80 The correct answer is **option 1 i.e 8**.

Solution

Let two number is X and Y

The sum of two number is X+Y=13

Their difference is X-Y = 3

Then 2X=10

X=5

After putting of value of X in the 1st equation

5+Y=13

Y=8

Hence, the larger number is 8

Q:81 The correct answer is **option 2 i.e Arthur Conan Doyle**.

• Arthur Conan Doyle's famous detective fictional novel 'The Hound of the Baskervilles' published in 1902.
• His other notable works are stories of Sherlock Holmes and the lost world

Q:82 The correct answer is **option 2 i.e Kelvin**.

• Kelvin is the base unit of temperature in the international system of units.
• Pascal is SI unit of measuring pressure
• Newton is SI unit of force
• Dyne is C.G.S unit of force

Q:83 The correct answer is **option 2 i.e 25%**.

Given,

A person sells 320 oranges at the cost price of 400 oranges.

Formula:

Profit= sp - cp

Profit%= (profit/cp) × 100

Solution

Cost price of 1 orange = x

Cost price of 400 orange = 400x

He sold 320 orange at the rate of Cost price,

Then selling price of 320 orange = 400x

Selling price of 1 orange = 400x/320
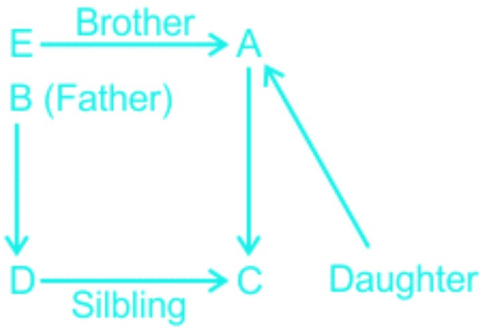
Hence, profit %= [{(400x/320) - x}÷x] ×100

Profit %= 80x/320 × 1/x × 100

Profit% = 25%

Q:84 The correct answer is **option 1 i.e Brother**.

Q:85 The correct answer is **option 2 i.e 21 June**.

- After the March equinox the sun appears to move north and is vertically overhead at the Tropic of cancer on about 21 June. This is known as June or summer solstice. When the northern hemisphere will have its longest day and shortest night.
- 22 December the sun will be overhead at the Tropic of Capricorn. This is known as winter solstice in Southern hemisphere.

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