

Delhi Police [Constable]

Previous Year Paper

Section : **Part A- General Knowledge or Current Affairs**

Q.1 Which of the following rivers has Musi river as one of its tributaries?

- Ans**
- ☒ 1. Kaveri
 - ☒ 2. Mahanadi
 - ☒ 3. Tapi
 - ☒ 4. Krishna

Question ID : **6549783495**
Status : **Answered**
Chosen Option : **1**

Q.2 Antibiotics are NOT effective on a virus as it lacks _____.

- Ans**
- ☒ 1. cilia
 - ☒ 2. plasmid
 - ☒ 3. genetic material
 - ☒ 4. cell wall

Question ID : **6549783491**
Status : **Answered**
Chosen Option : **2**

Q.3 When a body rolls over the surface of another body, the resistance to its motion is called _____.

- Ans**
- ☒ 1. drag
 - ☒ 2. fluid friction
 - ☒ 3. sliding friction
 - ☒ 4. rolling friction

Question ID : **6549783487**
Status : **Answered**
Chosen Option : **3**

Q.4 India secured _____ place in the World Competitiveness Index released in June 2020.

- Ans ☒ 1. 43rd
☐ 2. 38th
☐ 3. 49th
☐ 4. 32nd

Question ID : **6549783474**
Status : **Answered**
Chosen Option : **1**

Q.5 In which of the following years did Razia become the Sultan of Delhi?

- Ans ☐ 1. 1232
☐ 2. 1238
☐ 3. 1234
☒ 4. 1236

Question ID : **6549783499**
Status : **Answered**
Chosen Option : **3**

Q.6 Which of the following statements is NOT true about Ashokan pillars?

- Ans ☐ 1. These are said to be monolithic pillars.
☒ 2. Ashoka got the inspiration for such pillars from his father Bindusar.
☐ 3. These were usually made of sandstone.
☐ 4. These are mostly polished pillars.

Question ID : **6549783460**
Status : **Answered**
Chosen Option : **2**

Q.7 Which of the following sultans of Delhi was the first one to start military campaigns in southern India?

- Ans ☐ 1. Iltutmish
☐ 2. Qutbuddin Aybak
☒ 3. Alauddin Khalji
☐ 4. Balban

Question ID : **6549783504**
Status : **Answered**
Chosen Option : **3**

Q.8 Which of the following Articles was deleted by the Constitution (Forty-Fourth Amendment) Act, 1978?

- Ans ☒ 1. Article 31
- ☐ 2. Article 29
- ☐ 3. Article 27
- ☐ 4. Article 25

Question ID : 6549783483

Status : Answered

Chosen Option : 1

Q.9 Which of the following subjects is NOT listed in the Union List in the Seventh Schedule of the Constitution of India?

- Ans ☐ 1. Insurance
- ☐ 2. Railways
- ☐ 3. Corporation tax
- ☒ 4. Public health and sanitation

Question ID : 6549783482

Status : Answered

Chosen Option : 2

Q.10 Which of the following statements about the 'pro tem' Speaker of the House of Representatives in India is correct?

- Ans ☐ 1. The name for the post is recommended by the outgoing Speaker of the House of Representatives.
- ☒ 2. He is appointed by the President of India.
- ☐ 3. The name for the post is recommended by the Union Cabinet.
- ☐ 4. The name for the post is recommended by the Leader of Opposition in the House of Representatives.

Question ID : 6549783486

Status : Answered

Chosen Option : 1

Q.11 Which of the following states is a leading producer of natural rubber?

- Ans ☐ 1. Andhra Pradesh
- ☐ 2. Madhya Pradesh
- ☒ 3. Kerala
- ☐ 4. Maharashtra

Question ID : 6549783493

Status : Answered

Chosen Option : 1

Q.12 Who among the following rulers of Magadha is said to have sent his minister named Vassakara to seek advice of Buddha on how to defeat the Vajjis?

- Ans
- ☐ 1. Bimbisara
 - ☐ 2. Bindusara
 - ☐ 3. Shishunag
 - ☒ 4. Ajatashatru

Question ID : 6549783506
Status : Answered
Chosen Option : 4

Q.13 Fakhr-i-Mudabbir, who was a contemporary of Delhi's Sultan Iltutmish, was a renowned:

- Ans
- ☒ 1. historian
 - ☐ 2. sufi saint
 - ☐ 3. economist
 - ☐ 4. warrior

Question ID : 6549783502
Status : Answered
Chosen Option : 1

Q.14 Which of the following river systems has a river named Lohit as one of its components?

- Ans
- ☐ 1. Ganga
 - ☐ 2. Narmada
 - ☒ 3. Brahmaputra
 - ☐ 4. Godavari

Question ID : 6549783494
Status : Answered
Chosen Option : 3

Q.15 In which of the following states is Pachpadra lake located?

- Ans
- ☐ 1. Madhya Pradesh
 - ☒ 2. Rajasthan
 - ☐ 3. Tamil Nadu
 - ☐ 4. Odisha

Question ID : 6549783497
Status : Not Answered
Chosen Option : --

Q.16 With which of the following states is the tribal festival named 'Samakka Saarakka Jaathara' traditionally associated?

- Ans
- ☐ 1. Tripura
 - ☐ 2. Tamil Nadu
 - ☐ 3. Kerala
 - ☒ 4. Telangana

Question ID : 6549783462
Status : Answered
Chosen Option : 4

Q.17 Which of the following regions of India witnessed the rule of a female ruler named Didda in the late 10th century?

- Ans
- ☒ 1. Kashmir
 - ☐ 2. Kalinga
 - ☐ 3. Andhra
 - ☐ 4. Banga

Question ID : 6549783503
Status : Marked For Review
Chosen Option : 3

Q.18 Who among the following is the author of the book titled 'How to Avoid a Climate Disaster: The Solutions We Have and the Breakthroughs We Need'?

- Ans
- ☐ 1. Al Gore
 - ☒ 2. Bill Gates
 - ☐ 3. RK Pachauri
 - ☐ 4. Greta Thunberg

Question ID : 6549783469
Status : Answered
Chosen Option : 4

Q.19 The cricketer Stuart Broad is a player of the _____ cricket team.

- Ans
- ☐ 1. South African
 - ☒ 2. England
 - ☐ 3. New Zealand
 - ☐ 4. West Indies

Question ID : 6549783463
Status : Answered
Chosen Option : 2

Q.20 Which of the following Acts introduced Provincial Autonomy during British rule in India?

- Ans
- ☐ 1. Indian Councils Act, 1861
 - ☐ 2. Indian Councils Act, 1909
 - ☐ 3. Indian Councils Act, 1892
 - ☒ 4. Government of India Act, 1935

Question ID : **6549783484**
Status : **Answered**
Chosen Option : **4**

Q.21 Abdul Hamid Lahori's work titled 'Badshah Nama' is the official history of his patron:

- Ans
- ☒ 1. Shah Jahan
 - ☐ 2. Jahangir
 - ☐ 3. Humayun
 - ☐ 4. Aurangzeb

Question ID : **6549783505**
Status : **Marked For Review**
Chosen Option : **1**

Q.22 When a chemical, which is basic in nature, is treated with turmeric paste, it turns _____ in colour.

- Ans
- ☐ 1. yellow
 - ☒ 2. red
 - ☐ 3. black
 - ☐ 4. green

Question ID : **6549783489**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 Which of the following pairs of schemes was announced in the Union Budget 2020-21 for a seamless national cold supply chain for perishables?

- Ans
- ☐ 1. Kisan Mitra and Kisan Saathi
 - ☐ 2. Krishi Udyam and Krishi Saksham
 - ☐ 3. Krishi Bhandar and Krishi Sewa
 - ☒ 4. Kisan Rail and Krishi Udaan

Question ID : **6549783477**
Status : **Answered**
Chosen Option : **4**

Q.24 According to the 'World Investment Report 2020' by the UN Conference on Trade and Development (UNCTAD), India was the _____ largest recipient of Foreign Direct Investment in 2019.

- Ans
- ☒ 1. 13th
 - ☒ 2. 9th
 - ☒ 3. 7th
 - ☒ 4. 11th

Question ID : 6549783479

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.25 In which of the following pair of states is Buckingham canal spread?

- Ans
- ☒ 1. Tamil Nadu and Andhra Pradesh
 - ☒ 2. Karnataka and Kerala
 - ☒ 3. Kerala and Tamil Nadu
 - ☒ 4. Andhra Pradesh and Odisha

Question ID : 6549783498

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.26 In which of the following Olympics did Abhinav Bindra win a gold medal for India?

- Ans
- ☒ 1. Beijing 2008
 - ☒ 2. Athens 2004
 - ☒ 3. London 2012
 - ☒ 4. Sydney 2000

Question ID : 6549783465

Status : **Answered**

Chosen Option : 1

Q.27 Who among the following sportspersons has NEVER bagged an Olympic medal?

- Ans
- ☒ 1. Gagan Narang
 - ☒ 2. Sania Mirza
 - ☒ 3. Vijay Kumar
 - ☒ 4. Vijender Singh

Question ID : 6549783466

Status : **Answered**

Chosen Option : 2

Q.28 Which of the following states has been the permanent host of the International Film Festival since 2004?

- Ans
- ☐ 1. Maharashtra
 - ☐ 2. Kerala
 - ☐ 3. Gujarat
 - ☒ 4. Goa

Question ID : 6549783468
Status : Answered
Chosen Option : 4

Q.29 As per the Union Budget 2020-21, what was the disinvestment target of the Union Government for the year 2020-21?

- Ans
- ☐ 1. ₹1.35 lakh crore
 - ☐ 2. ₹1.40 lakh crore
 - ☐ 3. ₹1 lakh crore
 - ☒ 4. ₹1.20 lakh crore

Question ID : 6549783475
Status : Marked For Review
Chosen Option : 1

Q.30 वैज्ञानिक पर्किजे द्वारा निम्नलिखित में से किस शब्दावली का सृजन किया गया था?

- Ans
- ☐ 1. कोशिका (सेल)
 - ☒ 2. जीवद्रव (प्रोटोप्लाज्म)
 - ☐ 3. कोशिका द्रव्य (साइटोप्लाज्म)
 - ☐ 4. लयनकाय (लाइसोसोम)

Question ID : 6549783490
Status : Not Answered
Chosen Option : --

Q.31 In vertebrates, smooth endoplasmic reticulum plays a crucial role in detoxifying _____ from many drugs.

- Ans
- ☐ 1. small intestine
 - ☒ 2. liver
 - ☐ 3. brain
 - ☐ 4. lungs

Question ID : 6549783488
Status : Not Answered
Chosen Option : --

Q.32 Which of the following is NOT a fundamental duty of the citizens of India as specified in Part IV-A of the constitution of India?

- Ans
- ☒ 1. To renounce practices derogatory to the dignity of women
 - ☒ 2. To value and preserve the rich heritage of our composite culture
 - ☒ 3. To pay taxes by due date
 - ☒ 4. To uphold and protect the sovereignty, unity and integrity of India

Question ID : 6549783485

Status : Answered

Chosen Option : 1

Q.33 Which of the following is an example of bilaterally symmetrical, triploblastic marine animals that have notochord at some stages during their lives?

- Ans
- ☒ 1. Leech
 - ☒ 2. Lycopodium
 - ☒ 3. Herdmania
 - ☒ 4. Rana tigrina

Question ID : 6549783492

Status : Marked For Review

Chosen Option : 1

Q.34 As on 31 August 2020, who was the Leader of the House in Rajya Sabha?

- Ans
- ☒ 1. L Hanumanthaiah
 - ☒ 2. Thawar Chand Gehlot
 - ☒ 3. Sambit Patra
 - ☒ 4. Bhubaneswar Kalita

Question ID : 6549783481

Status : Answered

Chosen Option : 1

Q.35 According to the Economic Survey 2020, the livestock sector in India had been growing at a Compound Annual Growth Rate (CAGR) of ____ during the past five years.

- Ans
- ☒ 1. 7.9%
 - ☒ 2. 8.2%
 - ☒ 3. 5.3%
 - ☒ 4. 4.4%

Question ID : 6549783478

Status : Answered

Chosen Option : 3

Q.36 The folk drama named 'Therukoothu' traditionally belongs to:

- Ans
- ☒ 1. Odisha
 - ☒ 2. Tamil Nadu
 - ☒ 3. Telangana
 - ☒ 4. Tripura

Question ID : 6549783459
Status : Answered
Chosen Option : 4

Q.37 The movie 'Hellaro', which bagged the Best Feature Film Award at the 66th National Film Awards, is a movie produced in _____ language.

- Ans
- ☒ 1. Marathi
 - ☒ 2. Gujarati
 - ☒ 3. Tamil
 - ☒ 4. Kannada

Question ID : 6549783472
Status : Answered
Chosen Option : 1

Q.38 According to the Government of India data, the Foreign Direct Investment (FDI) inflow in India from China during the year 2019-20 was approximately _____ million.

- Ans
- ☒ 1. \$164
 - ☒ 2. \$245
 - ☒ 3. \$357
 - ☒ 4. \$270

Question ID : 6549783480
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.39 Which of the following instruments is Gupta ruler Samudragupta shown playing on his coins?

- Ans
- ☒ 1. Veena
 - ☒ 2. Mridanga
 - ☒ 3. Sarangi
 - ☒ 4. Tabla

Question ID : 6549783458
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.40 Which place did India secure in the Global Real Estate Transparency Index 2020?

- Ans  1. 34th
 2. 41st
 3. 17th
 4. 26th

Question ID : 6549783470
Status : Answered
Chosen Option : 1

Q.41 The census of which of the following animals in 2018 by India has entered into the Guinness Book of World Records in July 2020 as the largest camera-trap wildlife survey ever conducted?

- Ans  1. Deer
 2. Cheetah
 3. Elephant
 4. Tiger

Question ID : 6549783467
Status : Answered
Chosen Option : 2

Q.42 During the 'Age of Mahajanapadas', Ujjain was the capital of ____.

- Ans  1. Kosala
 2. Magadh
 3. Avanti
 4. Panchala

Question ID : 6549783500
Status : Answered
Chosen Option : 3

Q.43 How many children received the Pradhan Mantri Rashtriya Bal Puraskar 2020?

- Ans  1. 37
 2. 33
 3. 49
 4. 45

Question ID : 6549783471
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.44 In the context of the polity during the seventh century, the term 'samanta' meant ____.

- Ans ☒ 1. a subordinate ruler
☒ 2. a finance minister
☒ 3. a commerce minister
☒ 4. a royal scribe

Question ID : 6549783501

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.45 Who among the following will relinquish the post of the Managing Director of HDFC Bank in October 2020?

- Ans ☒ 1. Aditya Puri
☒ 2. Rajnish kumar
☒ 3. Rakesh Sharma
☒ 4. AS Rajeev

Question ID : 6549783473

Status : **Marked For Review**

Chosen Option : 2

Q.46 The landform named 'meander' is created by a ____.

- Ans ☒ 1. volcano
☒ 2. sea
☒ 3. river
☒ 4. wind

Question ID : 6549783496

Status : **Not Answered**

Chosen Option : --

Q.47 In the context of ancient India culture, 'panchaytana' refers to:

- Ans ☒ 1. a military formation used to surround enemies
☒ 2. a pattern of defence walls in a city
☒ 3. a city with five residential complexes
☒ 4. a style of temple architecture

Question ID : 6549783457

Status : **Answered**

Chosen Option : 3

Q.48 As per the Union Budget 2020, which of the following was NOT a component of the theme titled 'Aspirational India'?

- Ans
- ☒ 1. Education and skills
 - ☒ 2. Wellness, water and sanitation
 - ☒ 3. Agriculture, irrigation and rural development
 - ☒ 4. Urban rejuvenation

Question ID : 6549783476
Status : Answered
Chosen Option : 2

Q.49 The cricketer Roston Chase plays for which of the following countries?

- Ans
- ☒ 1. West Indies
 - ☒ 2. South Africa
 - ☒ 3. Australia
 - ☒ 4. New Zealand

Question ID : 6549783464
Status : Answered
Chosen Option : 1

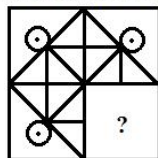
Q.50 Of the following Harappan Civilization sites, which one provides the evidence of a large open area with terraced stands, identified as 'stadium'?

- Ans
- ☒ 1. Kalibangan
 - ☒ 2. Chanhudaro
 - ☒ 3. Mohanjodaro
 - ☒ 4. Dholavira

Question ID : 6549783461
Status : Answered
Chosen Option : 3

Section : Part B- Reasoning

Q.1 Select the option figure that can replace the question mark (?) in the given figure to complete the pattern.



Ans

1.



2.



3.



4.

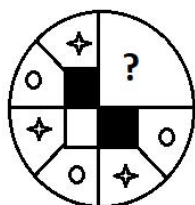


Question ID : 6549783523

Status : Answered

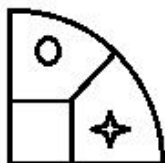
Chosen Option : 3

Q.2 Select the option figure that can replace the question mark (?) in the given figure to complete the pattern.



Ans

✓ 1.



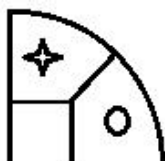
✗ 2.



✗ 3.



✗ 4.



Question ID : 6549783525

Status : Answered

Chosen Option : 1

Q.3 Select the correct mirror image of the given combination when the mirror is placed to the right side of it.

DI₂COV₆REY

Ans

✗ 1.

Y₆REVO₂ID

✗ 2.

DI₂COVER₆Y

✓ 3.

Y₆REVO₂ID

✗ 4.

Y₆REVO₂ID

Question ID : 6549783524

Status : Answered

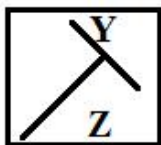
Chosen Option : 3

Q.4 Which figure will replace the question mark (?) in the following figure series?

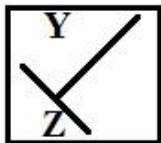


Ans

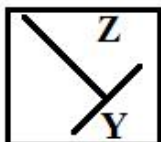
✓ 1.



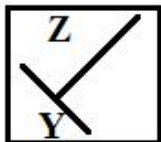
✗ 2.



✗ 3.



✗ 4.



Question ID : 6549783521

Status : Answered

Chosen Option : 1

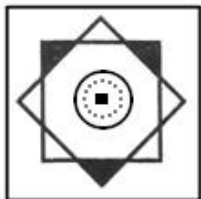
Q.5 Three of the following four figures are alike in a certain way and one is different. Select the odd one.

Ans

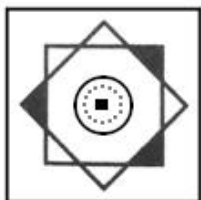
✓ 1.



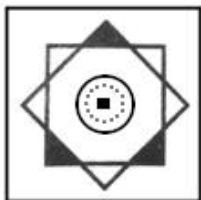
✗ 2.



✗ 3.



✗ 4.



Question ID : 6549783517

Status : Answered

Chosen Option : 1

Q.6 Select the option that is related to the third word in the same way as the second word is related to the first word.

Bats : Screech : : Kangaroos : ?

Ans

✗ 1. Chatter

✗ 2. Snort

✓ 3. Chortle

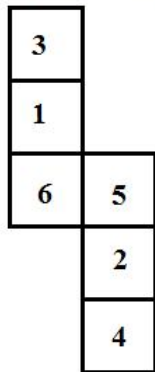
✗ 4. Whoop

Question ID : 6549783507

Status : Answered

Chosen Option : 1

Q.7 If the given figure is folded to form a cube, which number will come opposite to '1'?



Ans ☒ 1. 2

☒ 2. 4

☒ 3. 5

☒ 4. 6

Question ID : 6549783529

Status : Answered

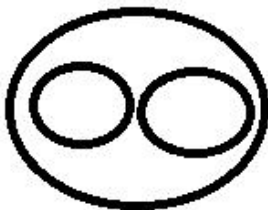
Chosen Option : 1

Q.8 Select the Venn diagram that best illustrates the relationship between the following classes.

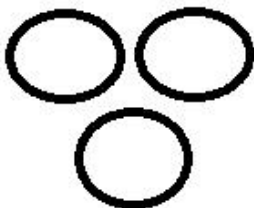
Carrot, Vegetables, Potato

Ans

☒ 1.



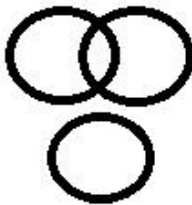
☒ 2.



☒ 3.



☒ 4.

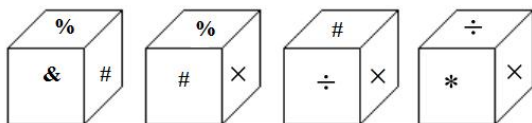


Question ID : 6549783530

Status : Answered

Chosen Option : 1

Q.9 Four different positions of the same dice are shown. Select the symbol on the face opposite the face showing '#'.



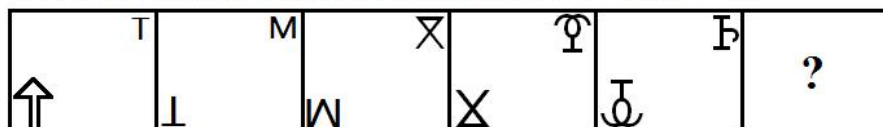
- Ans
- ☒ 1. ×
 - ☒ 2. ÷
 - ☒ 3. *
 - ☒ 4. %

Question ID : 6549783528

Status : Answered

Chosen Option : 3

Q.10 Which figure will replace the question mark (?) in the following figure series?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 6549783520

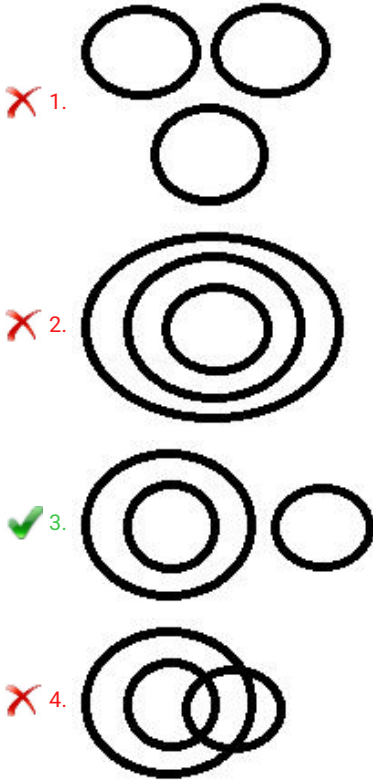
Status : Answered

Chosen Option : 1

Q.11 Select the Venn diagram that best illustrates the relationship between the following classes.

Jupiter, Moon, Planet

Ans



Question ID : 6549783531

Status : Answered

Chosen Option : 3

Q.12 Which two signs should be interchanged to make the given equation correct?

$$7 \times 96 \div 8 + 39 - 25 = 70$$

Ans

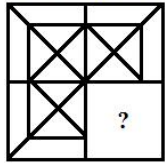
- 1. $\times$ and $\div$
- 2. $+$ and $-$
- 3. $+$ and $\div$
- 4. $\times$ and $-$

Question ID : 6549783514

Status : Answered

Chosen Option : 2

Q.13 Select the option figure that can replace the question mark (?) in the given figure to complete the pattern.



Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 6549783522

Status : Answered

Chosen Option : 2

Q.14 Which number will replace the question mark (?) in the following series?

3, 15, 38, 78, 141, 235, 370, 552, ?

Ans

✗ 1. 893

✗ 2. 792

✗ 3. 892

✓ 4. 793

Question ID : 6549783511

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.15 Select the option that is related to the third number in the same way as the second number is related to the first number.

6 : 24 :: 14 : ?

- Ans
-  1. 121
 -  2. 76
 -  3. 65
 -  4. 112

Question ID : 6549783512

Status : Answered

Chosen Option : 4

Q.16 नीचे दिए गए चार शब्दों में से तीन एक निश्चित प्रकार से समान हैं और एक भिन्न है। उस भिन्न विकल्प का चयन करें।

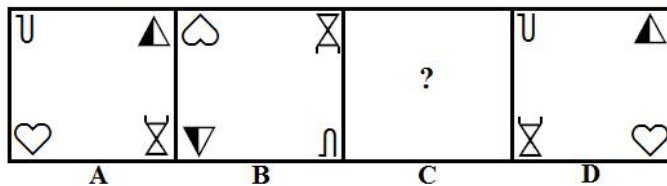
- Ans
-  1. कलह (Discord)
 -  2. सामंजस्य (Harmony)
 -  3. उथल-पुथल (Turmoil)
 -  4. अराजकता (Chaos)

Question ID : 6549783508

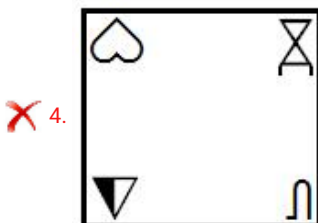
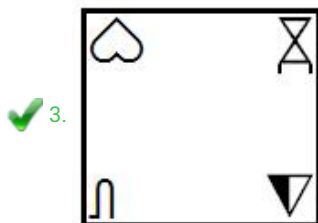
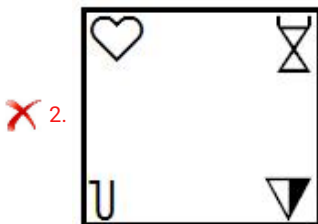
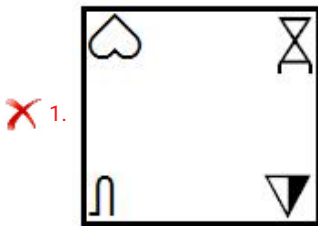
Status : Answered

Chosen Option : 2

Q.17 Select the option that is related to figure D in the same way as figure A is related to figure B.



Ans



Question ID : 6549783519

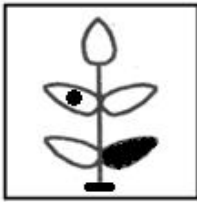
Status : Answered

Chosen Option : 3

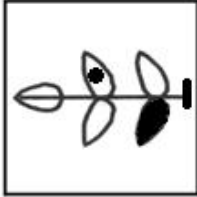
Q.18 Three of the following four figures are alike in a certain way and one is different. Select the odd one.

Ans

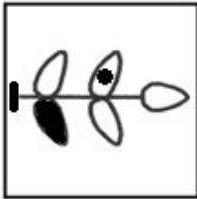
✗ 1.



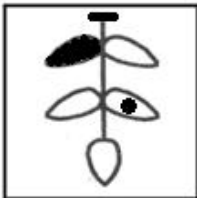
✓ 2.



✗ 3.



✗ 4.

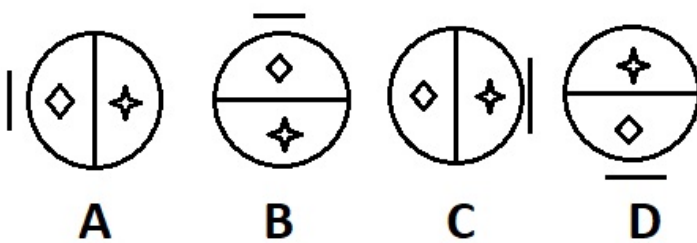


Question ID : 6549783516

Status : Answered

Chosen Option : 2

Q.19 From among the given figures, select the one that is different from the rest.



Ans ✗ 1. D

✗ 2. B

✗ 3. A

✓ 4. C

Question ID : 6549783526

Status : Answered

Chosen Option : 4

Q.20 Which number will replace the question mark (?) in the following series?

11, 17, 28, 51, 96, 187, 368, ?

- Ans**
-  1. 792
 -  2. 713
 -  3. 731
 -  4. 729

Question ID : **6549783510**
Status : **Answered**
Chosen Option : **3**

Q.21 If VERSION is coded as 1712121621225 and TEARFUL is coded as 15189154223, then how will LOCALITY be coded?

- Ans**
-  1. 1231511292025
 -  2. 281769401215
 -  3. 1215311292025
 -  4. 281712940189

Question ID : **6549783509**
Status : **Answered**
Chosen Option : **2**

Q.22 Aravind and Biswanath start at the same time from their hostel and go to the ground with speeds of 30 km/h and 60 km/h, respectively. If Aravind takes 20 minutes longer than Biswanath to reach the ground, then find the distance between their hostel and the ground.

- Ans**
-  1. 28 km
 -  2. 34 km
 -  3. 40 km
 -  4. 20 km

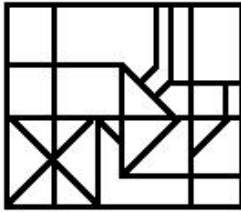
Question ID : **6549783515**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the option in which the given figure is embedded (rotation is NOT allowed).

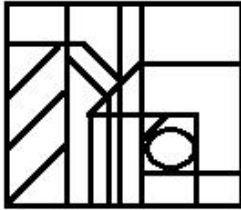


Ans

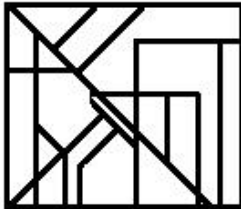
☒ 1.



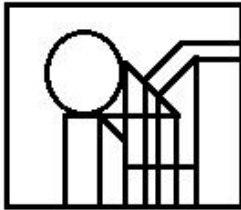
☒ 2.



☒ 3.



☒ 4.



Question ID : 6549783527

Status : Answered

Chosen Option : 4

Q.24 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(11, 19, 59)

Ans

☒ 1. (4, 5, 13)

☒ 2. (7, 16, 53)

☒ 3. (8, 13, 41)

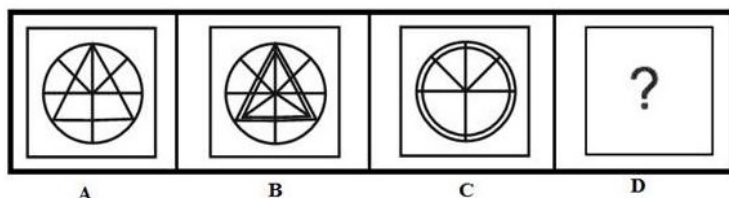
☒ 4. (9, 15, 43)

Question ID : 6549783513

Status : Answered

Chosen Option : 3

Q.25 Select the option that is related to figure C in the same way as figure B is related to figure A.



Ans

✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 6549783518

Status : Answered

Chosen Option : 3

Section : Part C- Numerical Ability

Q.1 A solid metallic sphere of radius 8 cm is converted into a solid right circular cylinder of radius x cm. If the height of the cylinder is 3 times the radius of the sphere, then the value of x is:

Ans

 1. $5\frac{4}{5}$

 2. $6\frac{2}{3}$

 3. $3\frac{1}{5}$

 4. $5\frac{1}{3}$

Question ID : 6549783546

Status : Answered

Chosen Option : 4

Q.2 If a , b and c are positive numbers such that $(a^2 + b^2) : (b^2 + c^2) : (c^2 + a^2) = 34 : 61 : 45$, then $a : b : c = ?$

Ans

 1. $6 : 3 : 5$

 2. $5 : 3 : 6$

 3. $3 : 5 : 6$

 4. $3 : 6 : 5$

Question ID : 6549783540

Status : Answered

Chosen Option : 2

Q.3 In a test, the average score of 52 students is 45. If the highest and the lowest scores (got by only one-one student) are excluded, the average score of the remaining students would decrease by 1. What is the average score of the highest and the lowest scores?

Ans

 1. 64

 2. 65

 3. 68

 4. 70

Question ID : 6549783534

Status : Answered

Chosen Option : 4

Q.4 A certain sum amounts to ₹9,900 in 4 years and to ₹11,700 in 7 years at the same rate per cent per annum at simple interest. What will be the amount of the same sum at $8\frac{2}{3}\%$ for $2\frac{1}{4}$ years at simple interest?

Ans

 1. ₹8,924

 2. ₹8,952.75

 3. ₹8,904

 4. ₹8,962.50

Question ID : 6549783541

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.5 If 80% of 50% of A is equal to three times 25% of B, then A is what percentage more or less than B?

- Ans
- ☒ 1. 46.7% more
 - ☒ 2. 87.5% less
 - ☒ 3. 87.5% more
 - ☒ 4. 46.7% less

Question ID : 6549783536

Status : Answered

Chosen Option : 3

Q.6 A certain sum amounts to ₹12,705 in $2\frac{1}{2}$ years at 10% p.a. interest compounded annually. What is the compound interest on the same sum for one year at the same rate, if the interest is compounded half-yearly?

- Ans
- ☒ 1. ₹1,025
 - ☒ 2. ₹1,100
 - ☒ 3. ₹1,050
 - ☒ 4. ₹1,000

Question ID : 6549783542

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.7 A circle is inscribed in an equilateral triangle of side 30 cm. What is the area of the circle (in cm^2)?

- Ans
- ☒ 1. 60π
 - ☒ 2. 45π
 - ☒ 3. 50π
 - ☒ 4. 75π

Question ID : 6549783545

Status : Answered

Chosen Option : 4

Q.8 The marked price of an article is 25% above its cost price. If it is sold for ₹480 after a discount of ₹60, then the profit percentage is (correct to one decimal place):

- Ans
- ☒ 1. 11.1
 - ☒ 2. 12.4
 - ☒ 3. 10.8
 - ☒ 4. 12.8

Question ID : 6549783538

Status : Answered

Chosen Option : 1

Q.9 The value of $1\frac{1}{6} \div \frac{2}{3}$ of $\frac{7}{8} - \frac{7}{8} \div \frac{5}{6} \times \frac{5}{24} - (0.\overline{65} \div \overline{59}) \times 1\frac{1}{11}$ is:

- Ans
-  1. $\frac{11}{16}$
 -  2. $\frac{57}{32}$
 -  3. $\frac{9}{8}$
 -  4. $\frac{93}{160}$

Question ID : 6549783535

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.10 When a number is divided by 4, 5, 6 and 9, the remainder in each case is 3. If the number is the smallest 4-digit number, then what is the sum of the digits of the number?

- Ans
-  1. 13
 -  2. 10
 -  3. 12
 -  4. 11

Question ID : 6549783532

Status : **Answered**

Chosen Option : 3

Q.11 In an examination, the number of students that appeared from school A is 20% more than the number of students that appeared from school B. 75% of the students from school B passed. If the total number of students that passed from both schools is 80% more than the number of students that passed from school B, then the percentage of students that passed from school A to those who appeared from school A is:

- Ans
-  1. 50
 -  2. 60
 -  3. 64
 -  4. 54

Question ID : 6549783537

Status : **Answered**

Chosen Option : 1

Q.12 A completes two-third part of a work in 16 days, and the remaining work is completed by B alone. The entire work is completed in 21 days. A and B together will complete 65% of the same work in:

- Ans
-  1. 5 days
 -  2. 6 days
 -  3. 8 days
 -  4. 4 days

Question ID : **6549783543**
Status : **Answered**
Chosen Option : **2**

Q.13 Sumit sells an article at a certain price. Had he sold it at four-fifth of that selling price, he would have lost 10%. If he sells it for 95% of the original selling price, then the gain percentage will be:

- Ans
-  1. $6\frac{8}{9}$
 -  2. $6\frac{7}{8}$
 -  3. $6\frac{1}{9}$
 -  4. $6\frac{1}{8}$

Question ID : **6549783539**
Status : **Answered**
Chosen Option : **2**

Q.14 Two trains X and Y start at the same time, X from station A to B and Y from B to A. After passing each other, X and Y take $8\frac{2}{5}$ hours and $4\frac{2}{7}$ hours, respectively, to reach their respective destinations. If the speed of X is 50 km/h, then what is the speed (in km/h) of Y?

- Ans
-  1. 84
 -  2. 56
 -  3. 63
 -  4. 70

Question ID : **6549783544**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.15 The units digit of a 2-digit number exceeds the tens digit by 3, and the product of the given number and the sum of its digits is 324. The number lies between:

- Ans
-  1. 30 and 35
 -  2. 45 and 50
 -  3. 35 and 40
 -  4. 40 and 45

Question ID : **6549783533**
Status : **Answered**
Chosen Option : **3**

Section : **Part D- Computer Proficiency**

Q.1 Which of the following tools can be used to apply the font color and size of a text to multiple pieces of text in MS-Word?

- Ans
-  1. Eraser
 -  2. Replace
 -  3. Show/Hide button
 -  4. Format Painter

Question ID : **6549783552**
Status : **Answered**
Chosen Option : **2**

Q.2 Which of the following characters must be a part of an email id?

- Ans
-  1. Dot (.)
 -  2. Dollar (\$)
 -  3. Ampersand (&)
 -  4. At the rate (@)

Question ID : **6549783554**
Status : **Answered**
Chosen Option : **4**

Q.3 Which of the following is NOT a word processing software?

- Ans
-  1. MS-Excel
 -  2. MS-Word
 -  3. WordPad
 -  4. Notepad

Question ID : **6549783550**
Status : **Answered**
Chosen Option : **3**

Q.4 What is the value of the following MS-Excel formula?

=MOD(11, 3)

- Ans
- ☒ 1. 3
 - ☒ 2. 4
 - ☒ 3. 5
 - ☒ 4. 2

Question ID : **6549783549**
Status : **Not Answered**
Chosen Option : --

Q.5 A collection of related web pages is called:

- Ans
- ☒ 1. client
 - ☒ 2. search engine
 - ☒ 3. server
 - ☒ 4. website

Question ID : **6549783556**
Status : **Answered**
Chosen Option : 4

Q.6 In an MS-Excel worksheet, the "zoom" bar appears at the ____ portion of the worksheet.

- Ans
- ☒ 1. top-right
 - ☒ 2. top-left
 - ☒ 3. bottom-right
 - ☒ 4. bottom-left

Question ID : **6549783547**
Status : **Answered**
Chosen Option : 1

Q.7 What does the term URL mean?

- Ans
- ☒ 1. Uniform Resource Locator
 - ☒ 2. Unidentified Resource Locator
 - ☒ 3. Universal Resource Line
 - ☒ 4. Unique Reference Line

Question ID : **6549783555**
Status : **Answered**
Chosen Option : 1

Q.8 Which of the following statements is/are FALSE?

- (i) In MS-Word, different letters of a word cannot be of different font-colors.
(ii) In MS-Word, the Show/Hide command button can be used to display paragraph marks in a document.

- Ans
- ☒ 1. Only ii
 - ☒ 2. Neither i nor ii
 - ☒ 3. Both i and ii
 - ☒ 4. Only i

Question ID : 6549783553

Status : Answered

Chosen Option : 4

Q.9 Which of the following steps can be performed to edit the content of a cell in an MS-Excel worksheet?

- Ans
- ☒ 1. Left-click on the cell once
 - ☒ 2. Double-click on the cell
 - ☒ 3. Select the cell and press ENTER key
 - ☒ 4. Right-click on the cell

Question ID : 6549783548

Status : Answered

Chosen Option : 2

Q.10 What is the keyboard shortcut to open a new document in MS-Word?

- Ans
- ☒ 1. Alt + N
 - ☒ 2. Ctrl + O
 - ☒ 3. Ctrl + N
 - ☒ 4. Ctrl + W

Question ID : 6549783551

Status : Answered

Chosen Option : 3