



## BPSSC पुलिस अवर निरीक्षक (प्रा.) परीक्षा- 21.01.2026 (प्रथम पाली) [Advt 05/2025]

Time: 120mins

Marks: 200

[1]: Who wrote the book "*Modi Ka Mission*", which was released by Maharashtra Governor Acharya Devvrat?

**Option 1:**

Burgis Desai

**Option 2:**

Amitav Ghosh

**Option 3:**

Chetan Bhagat

**Option 4:**

Vikram Seth

[2]:

Who discovered the cell?

**Option 1:**

Robert Hooke

**Option 2:**

Robert Koch

**Option 3:**

Edward Jenner

**Option 4:**

Louis Pasteur

[3]:

Who was known as the father of local self-government?

**Option 1:**

Ripon

**Option 2:**

Canning

**Option 3:**

Bentinck

**Option 4:**

Mountbatten

[4]:

Recently, whom was appointed as the Chairman of the 16th Finance Commission by President Droupadi Murmu?

**Option 1:**

Arvind Panagariya

**Option 2:**

A.K. Singh

**Option 3:**

Amitav Ghosh

**Option 4:**

Shaktikanta Das

[5]:

Who received the Jnanpith Award 2025?

**Option 1:**

Gulzar

**Option 2:**

Vinod Kumar Shukla

**Option 3:**

Rambhadracharya

**Option 4:**

Damodar Mauzo

**[6]:**

Which of the following crops is cultivated in dry regions?

**Option 1:**

Jute

**Option 2:**

Sugarcane

**Option 3:**

Pearl Millet

**Option 4:**

Rice

**[7]:**

Which of the following is not a leading state in ragi production?

**Option 1:**

Karnataka

**Option 2:**

Rajasthan

**Option 3:**

Tamil Nadu

**Option 4:**

Andhra Pradesh

**[8]:**

Statement:

(i) Imphal is the capital of the Indian state of Manipur.

(ii) The Battle of Imphal took place during World War II.

**Option 1:**

Only (i) is correct.

**Option 2:**

Only (ii) is correct.

**Option 3:**

Neither (i) nor (ii) is correct.

**Option 4:**

Both (i) and (ii) are correct.

**[9]:**

During November 2025, which Indian tennis player retired?

**Option 1:**

Mahesh Bhupathi

**Option 2:**

Sania Mirza

**Option 3:**

Leander Paes

**Option 4:**

Rohan Bopanna

**[10]:**

Which semi-humanoid robot will be used in the Gaganyaan Mission?

**Option 1:**

Vyommitra

**Option 2:**

Pragyan

**Option 3:**

Daksh

**Option 4:**

Manav

[11]:

Which of the following stars remains under the pressure of electron gas?

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**Option 1:**

Neutron star

**Option 2:**

White dwarf

**Option 3:**

Black hole

**Option 4:**

Nova star

[12]:

Arrange the following according to reactivity.

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**Option 1:**

K > Zn > Cu > Ag

**Option 2:**

K > Cu > Zn > Ag

**Option 3:**

Ag > Cu > Zn > K

**Option 4:**

Ag > Zn > Cu > K

[13]:

In which state is there no Legislative Council?

---

**Option 1:**

Rajasthan

**Option 2:**

Maharashtra

**Option 3:**

Uttar Pradesh

**Option 4:**

Bihar

[14]:

If you visit Bihar, where will you see the Sameshwar Hills?

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**Option 1:**

In the north-western part of West Champaran

**Option 2:**

In the south of Banka

**Option 3:**

In Gaya

**Option 4:**

In Rohtas

[15]:

What is the state animal of Bihar?

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**Option 1:**

Gaur

**Option 2:**

Buffalo

**Option 3:**

Cow

**Option 4:**

Nilgai

[16]:

Which of the following Buddhist pilgrimage sites is not in Bihar?

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**Option 1:**

Lumbini

**Option 2:**

Bodh Gaya

**Option 3:**

Rajgir

**Option 4:**

Griddhakuta Hill

**[17]:**

What was included in the UNESCO register in 2025?

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**Option 1:**

Ramcharitmanas

**Option 2:**

Bhagavad Gita

**Option 3:**

Panchatantra

**Option 4:**

Sahridayalok-Lochan

**[18]:**

Which sage was not related to the Mithila region of Bihar?

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**Option 1:**

Patanjali

**Option 2:**

Gautama

**Option 3:**

Yajnavalkya

**Option 4:**

Janaka

**[19]:**

When was the National Medicinal Plants Board established?

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**Option 1:**

2000

**Option 2:**

2021

**Option 3:**

1978

**Option 4:**

2014

**[20]:**

In which year was the Scientific Society in Bihar formed by Syed Imdad Ali?

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**Option 1:**

1919

**Option 2:**

1921

**Option 3:**

1899

**Option 4:**

1868

**[21]:**

Where was Ex-Mobility recently organized?

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**Option 1:**

Mumbai

**Option 2:**

Chennai

**Option 3:**

New Delhi

**Option 4:**

Kolkata

**[22]:**

Where was the national conference on Artificial Intelligence for empowering persons with

disabilities held?

**Option 1:**

Hyderabad

**Option 2:**

New Delhi

**Option 3:**

Bengaluru

**Option 4:**

Mumbai

**[23]:**

At which of the following places is an IIT located?

**Option 1:**

Chennai, Mumbai, Pune, Kanpur

**Option 2:**

Chennai, Mumbai, Guwahati, Kanpur

**Option 3:**

Guwahati, Kanpur, Pune, Chennai

**Option 4:**

Mumbai, Guwahati, Pune, Kanpur

**[24]:**

Bhor Ghat is located in—

**Option 1:**

Eastern Ghats

**Option 2:**

Sahyadri

**Option 3:**

Kolli

**Option 4:**

Aravalli

**[25]:**

What is the theme of Rabies Day 2025?

**Option 1:**

Act Now: You, Me, Community

**Option 2:**

Only government action

**Option 3:**

Only vaccination of animals

**Option 4:**

Only post-infection treatment

**[26]:**

In which city of Bihar was a podcast on climate change organized on radio?

**Option 1:**

Patna

**Option 2:**

Arrah

**Option 3:**

Bhojpur

**Option 4:**

Gopalganj

**[27]:**

In which district has Bihar's first MotoGP race track been built?

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**Option 1:**  
Aurangabad

**Option 2:**  
Gaya

**Option 3:**  
Rohtas

**Option 4:**  
Patna

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**[28]:**

Article 14 (Right to Equality) has the following exceptions—

- (i) No criminal proceedings can be initiated against the President during the term of office.
- (ii) No criminal proceedings can be initiated against the Governor during the term of office.

Code:

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**Option 1:**  
Only (i)

**Option 2:**  
Only (ii)

**Option 3:**  
Both (i) and (ii)

**Option 4:**  
Neither

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**[29]:**

What is meant by industrial unemployment?

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**Option 1:**

People working in agriculture remain unemployed in the off-season.

**Option 2:**

People engaged in the handloom industry become unemployed due to the installation of new machines.

**Option 3:**

More people work on a small piece of land than required.

**Option 4:**

Highly educated people remain unemployed when they do not get the job of their choice.

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**[30]:**

Consider the following statements.

Statement (i): Exchange rate shows the rate of conversion of Indian Rupee into foreign currency.

Statement (ii): Exchange rate also shows the value of foreign currency in terms of Indian Rupee.

Which of the above statements is correct?

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**Option 1:**

**Option 2:**

**Option 3:**

**Option 4:**

Only (i)

Only (ii)

Both (i) and (ii)

Neither

**[31]:**

According to the slash-and-burn system of agriculture, which pair is not correctly matched?

**Option 1:**

Western Ghats – Kumari

**Option 2:**

Andhra Pradesh – Podu

**Option 3:**

Madhya Pradesh – Koman

**Option 4:**

Rajasthan – Valara

**[32]:**

Arrange the tours conducted by the Chief Minister in Bihar in chronological order—

(i) Nyaya Yatra

(ii) Vikas Yatra

(iii) Samajik Sudhar Yatra

(iv) Pragati Yatra

**Option 1:**

(ii)→(i)→(iv)→(iii)

**Option 2:**

(ii)→(iv)→(ii)→(i)

**Option 3:**

(iv)→(iii)→(ii)→(i)

**Option 4:**

(i)→(ii)→(iii)→(iv)

**[33]:**

Under which Article of the Indian Constitution do the members of the Bihar Legislative Assembly take oath?

**Option 1:**

Article 186

**Option 2:**

Article 187

**Option 3:**

Article 188

**Option 4:**

Article 189

**[34]:**

In collaboration with the Indian Army, which organization developed 'Sanjay – The Battlefield Surveillance System'?

**Option 1:**

ISRO

**Option 2:**

DRDO

**Option 3:**

Hindustan Aeronautics

**Option 4:**

Bharat Electronics Limited

**[35]:**

Match the following—

List-I	List-II
A. National Space Day	1. 23 August
B. National Voters' Day	2. 25 January
C. International Women's Day	3. 8 March
D. World Hindi Day	4. 10 January

**Option 1:**

2 1 3 4

**Option 2:**

1 2 3 4

**Option 3:**

1 2 4 3

**Option 4:**

4 3 2 1

**[36]:**

By whom was the concept of the Grameen Bank proposed?

**Option 1:**

A.P.J. Abdul Kalam

**Option 2:**

Amartya Sen

**Option 3:**

Muhammad Yunus

**[37]:**

Which planet has the maximum number of moons?

**Option 1:**

Jupiter

**Option 2:**

Saturn

**Option 3:**

Uranus

**Option 4:**

Neptune

**[38]:**

Which of the following is correct?

(i) There are 100 subjects in the Union List

(ii) There are 61 subjects in the State List

(iii) There are 47 subjects in the Concurrent List

**Option 1:**

Only (i) and (ii)

**Option 2:**

Only (ii)

**Option 3:**

Only (i) and (ii)

**Option 4:**

(i), (ii) and (iii)

**[39]:**

The Lakshman Temple of Khajuraho is associated with which deity?

**Option 1:**

Vishnu

**Option 2:**

Shiva

**Option 3:**

Brahma

**Option 4:**

Ganesha

**[40]:**

Which of the following is related to the painting tradition of Bihar?

**Option 1:**

Madhubani

**Option 2:**

Mughal style

**Option 3:**

Mona Lisa

**Option 4:**

Bani Thani

**[41]:**

When was Islam established?

**Option 1:**

6th century

**Option 2:**

10th century

**Option 3:**

7th century

**Option 4:**

9th century

**[42]:**

Where was the first Dolphin Research Centre established?

**Option 1:**

Patna

**Option 2:**

Lucknow

**Option 3:**

Kolkata

**Option 4:**

None of these

**[43]:**

Match the following — Gross State Product Growth in Bihar (2020–21)

List-I	List-II
(i) Air travel	(a) 54.3%

(ii) Transport service	(b) 33%
(iii) Road management	(c) 31%

**Option 1:**

(i)-a, (ii)-b, (iii)-c

**Option 2:**

(i)-b, (ii)-c, (iii)-a

**Option 3:**

(i)-c, (ii)-a, (iii)-b

**Option 4:**

(i)-b, (ii)-a, (iii)-c

**[44]:**

Who was Megasthenes during the Mauryan period?

**Option 1:**

Greek traveller

**Option 2:**

Greek ambassador who came to the court of Chandragupta Maurya

**Option 3:**

Greek invader

**Option 4:**

Minister in the court of Chandragupta Maurya

**[45]:**

For what reason can a small car be accelerated faster than a big car?

**Option 1:**

Velocity

**Option 2:**

Momentum

**Option 3:**

Mass

**Option 4:**

Acceleration

**[46]:**

Match the population growth rate data (2013)

List-I	List-II
(a) Bihar	(1) 20%
(b) Maharashtra	(2) 14%
(c) Haryana	(3) 15%

**Option 1:**  
a-1, b-2, c-3

**Option 2:**  
a-2, b-3, c-1

**Option 3:**  
a-2, b-1, c-3

**Option 4:**  
a-3, b-1, c-2

**[47]:**

How was the Second Five-Year Plan (1956–1961) different from the First Five-Year Plan in terms of approach toward industrialization?

**Option 1:**

It continued to focus completely only on agriculture.

**Option 2:**

Greater priority was given to the private sector than the public sector.

**Option 3:**

Focus shifted from heavy industries to light industries.

**Option 4:**

Emphasis was laid on the development of heavy industries.

**[48]:**

Where was the Pushkar Kumbh Mela organized?

**Option 1:**  
Uttarakhand

**Option 2:**  
Bihar

**Option 3:**  
Uttar Pradesh

**Option 4:**  
Rajasthan

**[49]:**

How many electrons are there in 1 coulomb?

**Option 1:**  
 $6 \times 10^{18}$

**Option 2:**  
 $6 \times 10^{20}$

**Option 3:**  
 $6 \times 10^{16}$

**Option 4:**  
 $6 \times 10^{17}$

**[50]:**

Who was chosen as the 'Player of the Tournament' in the Women's World Cup 2025?

**Option 1:**  
Harmanpreet Kaur

**Option 2:**  
Harleen Deol

**Option 3:**  
Deepthi Sharma

**Option 4:**  
Smriti Mandhana

**[51]:**

Who won the Australian Open 2025?

**Option 1:**  
Carlos Alcaraz

**Option 2:**  
Jannik Sinner

**Option 3:**  
Novak Djokovic

**Option 4:**  
Andy Murray

**[52]:**

Match the following—

List-I	List-II
(a) Dispute between Bihar State and the Union of India	(i) Supreme Court
(b) Dispute in a district court of Haryana	(ii) High Court
(c) Integrated judiciary	(iii) Unitary feature of the Constitution
(d) Centre-State relations	(iv) Federal feature

**Option 1:**  
a-1, b-2, c-3, d-4

**Option 2:**  
a-2, b-4, c-1, d-3

**Option 3:**  
a-3, b-1, c-2, d-4

**Option 4:**  
a-2, b-3, c-4, d-1

**[53]:**

Which statements are correct regarding the Hooghly Industrial Region?

Statements:

- (i) It is located on the banks of the Hooghly River.
- (ii) It is close to Kolkata city.
- (iii) It is near the Luni River.
- (iv) It is near the Arabian Sea.

**Option 1:**  
(i) and (ii)

**Option 2:**  
(i) and (iv)

**Option 3:**  
(iii) and (iv)

**Option 4:**  
All

**[54]:**

With the support of Bhashini, which institution launched the 'Sarathi App'?

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<b>Option 1:</b>	<b>Option 2:</b>	<b>Option 3:</b>	<b>Option 4:</b>
SBI	SEBI	ISRO	Open Network for Digital Commerce

[55]:  
Which tissue provides flexibility in plants?

---

<b>Option 1:</b>	<b>Option 2:</b>	<b>Option 3:</b>	<b>Option 4:</b>
Parenchyma	Collenchyma	Sclerenchyma	None of these

[56]:  
Which operation was launched on 17 May 2020 to bring Indians back from abroad during the coronavirus pandemic?

---

<b>Option 1:</b>	<b>Option 2:</b>	<b>Option 3:</b>	<b>Option 4:</b>
Vande Bharat Mission	Operation Parakram	Air Mission	Operation Devi Shakti

[57]:  
The quantitative value of force is derived from which law of Newton's motion?

---

<b>Option 1:</b>	<b>Option 2:</b>	<b>Option 3:</b>	<b>Option 4:</b>
Newton's First Law	Newton's Second Law	Newton's Third Law	Newton's Law of Gravitation

[58]:  
If an object has \_\_\_\_\_, then it has the \_\_\_\_\_ to do \_\_\_\_\_.

---

<b>Option 1:</b>	<b>Option 2:</b>	<b>Option 3:</b>	<b>Option 4:</b>
energy, capacity, work	work, capacity, energy	capacity, work, energy	work, energy, capacity

[59]:  
Which journalist was recently honored with the Agriculture Media Award 2025?

---

<b>Option 1:</b>	<b>Option 2:</b>	<b>Option 3:</b>	<b>Option 4:</b>
Raghavan	Amshi Prasannakumar	V. Narayanan	Sunil Amrith

[60]:

Who presided over the Vienna Congress?

---

**Option 1:**

Napoleon III

**Option 2:**

Sun Yat-sen

**Option 3:**

Ferdinand

**Option 4:**

Metternich

[61]:

During World War II, after the American attack on which place in Japan did the war come to an end?

---

**Option 1:**

Tokyo

**Option 2:**

Hiroshima

**Option 3:**

Nagoya

**Option 4:**

Yokohama

[62]:

By the 42nd Constitutional Amendment, how many Fundamental Duties were added to the Constitution?

---

**Option 1:**

4 Fundamental Duties

**Option 2:**

6 Fundamental Duties

**Option 3:**

10 Fundamental Duties

**Option 4:**

12 Fundamental Duties

[63]:

Under which Articles is the Right to Freedom of Religion provided?

---

**Option 1:**

25–28

**Option 2:**

14–18

**Option 3:**

19–22

**Option 4:**

23–24

[64]:

Which of the following metals starts reacting with  $O_2$  and may catch fire when left open?

---

**Option 1:**

Na

**Option 2:**

Zn

**Option 3:**

Cu

**Option 4:**

Fe

[65]:

On Ramanujan's birthday, when is National Mathematics Day celebrated?

---

**Option 1:**

22 December

**Option 2:**

19 December

**Option 3:**

18 December

**Option 4:**

21 December

**[66]:**

Which agriculture app has been launched by the Bihar Government?

**Option 1:**

Bihar Krishi App

**Option 2:**

Krishi Suvidha App

**Option 3:**

Harit Bihar App

**Option 4:**

Vihaan Paper

**[67]:**

When is Panchayati Raj Day celebrated?

**Option 1:**

22 April

**Option 2:**

23 April

**Option 3:**

24 April

**Option 4:**

25 April

**[68]:**

On whom do Fundamental Duties apply?

**Option 1:**

Citizens of India

**Option 2:**

Foreign citizens

**Option 3:**

Both (A) and (B)

**Option 4:**

Neither (A) nor (B)

**[69]:**

Which of the following river-dam pairs is not correctly matched?

**Option 1:**

Kaveri River – Mettur Dam

**Option 2:**

Mahanadi – Hirakud

**Option 3:**

Krishna River – Almatti

**Option 4:**

Tapti River – Tilaiya

**[70]:**

Aluminium is used in cooking utensils. Which properties of aluminium are responsible for this?

(i) Good thermal conductivity

(ii) Good electrical conductivity

(iii) Malleability

(iv) Melting point

**Option 1:**

(i) and (ii)

**Option 2:**

(i) and (iii)

**Option 3:**

(ii) and (iii)

**Option 4:**

(i) and (iv)

**[71]:**

What is the aqueous solution of sodium chloride called?

**Option 1:**

Antacid

**Option 2:**

Caffeic acid

**Option 3:**

Brine

**Option 4:**

Baking soda

**[72]:**

“Vivad se Vishwas Yojana” is related to which of the following?

**Option 1:**

Taxation

**Option 2:**

Border security

**Option 3:**

Women empowerment

**Option 4:**

Education

**[73]:**

Which of the following animals does not have its natural habitat in India?

**Option 1:**

Kangaroo

**Option 2:**

One-horned rhinoceros

**Option 3:**

Elephant

**Option 4:**

Asiatic lion

**[74]:**

Consider the following:

**Option 1:**

Net National Product at market price

**Option 2:**

Other current transfers received from the rest of the world  
The above features describe which of the following?

**Option 3:**

Gross National Product

**Option 4:**

Net National Product

**Option 5:**

National Disposable Income

**[75]:**

Which of the following is not correctly matched?

**Option 1:**

Sanskriti ke Chaar Adhyay – Ramdhari Singh Dinkar

**Option 2:**

Poet from Bihar elected to Rajya Sabha – Mohan Lal Mahato

**Option 3:**

Major Bhojpuri writer – Raghuvveer Narayan

**Option 4:**

Poet of Maithili language – Vidyapati

[76]:

What is included in money?

**Option 1:**

Only currency in circulation

**Option 2:**

Only demand deposits

**Option 3:**

Currency in circulation and demand deposits

**Option 4:**

None of the above

[77]:

Based on the following Assertion (A) and Reason (R), choose the correct option—

Assertion (A): Platyhelminthes are also called flatworms.

Reason (R): Their body structure is flattened.

**Option 1:**

Both Assertion (A) and Reason (R) are correct, and (R) correctly explains (A).

**Option 2:**

Both Assertion (A) and Reason (R) are correct, but (R) does not correctly explain (A).

**Option 3:****Option 4:**

Assertion (A) is correct, but Reason (R) is incorrect. Assertion (A) is incorrect, but Reason (R) is correct.

[78]:

Match List-I with List-II and choose the correct answer from the codes given below.

List-I (Body Function Organ)	List-II (Related Organ/Part)
1. Respiration	a. Oesophagus
2. Excretory passage	b. Ventricle
3. Heart	c. Lung

4. Food intake	d. Urinary bladder
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Options:

**Option 1:**

1-a, 2-b, 3-c, 4-d

**Option 2:**

1-c, 2-d, 3-b, 4-a

**Option 3:**

1-c, 2-a, 3-d, 4-b

**Option 4:**

1-d, 2-c, 3-a, 4-b

**[79]:**

Match List-I with List-II and choose the correct answer from the codes given below.

List-I	List-II
1. Endoplasmic reticulum	a. Lipid synthesis
2. Amoeba	b. Cellulose
3. Plant cell wall	c. Nucleoid
4. Prokaryote	d. Unicellular eukaryote

Options:

**Option 1:**

1-a, 2-d, 3-b, 4-c

**Option 2:**

1-b, 2-a, 3-d, 4-c

**Option 3:**

1-b, 2-b, 3-a, 4-d

**Option 4:**

1-d, 2-c, 3-b, 4-a

**[80]:**

Statement: Prokaryotes are primitive organisms.

Conclusion:

(i) Nuclear membrane is absent in prokaryotic cells.

(ii) An undeveloped nucleus is present, called nucleoid.

**Option 1:**

Only conclusion (i) is correct

**Option 2:**

Only conclusion (ii) is correct

**Option 3:**

Both conclusion (i) and (ii) are correct

**Option 4:**

Both conclusions are incorrect

**[81]:**

Which pair is not correctly matched?

**Option 1:**

Moinuddin Chishti — Ajmer

**Option 2:**

Nizamuddin Auliya — Punjab

**Option 3:**

Baba Farid — Delhi

**Option 4:**

Bakhtiyar Kaki — Delhi

**[82]:**

Where was the Monsoon Croaks Bio-blitz Festival 2025 organized?

**Option 1:**

Kerala

**Option 2:**

Goa

**Option 3:**

Pune

**Option 4:**

Mumbai

**[83]:**

Match the following correctly—

List	Mineral
a. Kudremukh	i. Mica
b. Balaghat	ii. Iron
c. Nellore	iii. Copper
d. Zawar	iv. Zinc

Codes:

**Option 1:**

a-ii, b-iii, c-i, d-iv

**Option 2:**

a-iii, b-ii, c-iv, d-i

**Option 3:**

a-ii, b-i, c-iii, d-iv

**Option 4:**

a-iv, b-i, c-ii, d-iii

[84]:

Which substance has indefinite shape but definite volume?

**Option 1:**

Aluminium

**Option 2:**

Kerosene

**Option 3:**

CO<sub>2</sub>

**Option 4:**

Gold

[85]:

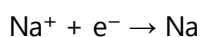
Consider the following statements and identify the false statement—

(i) A more reactive metal displaces a less reactive metal.

(ii) Carbon does not form a bond with oxygen compared to oxygen.

(iii) Carbon mainly forms carbides with highly reactive metals like sodium, potassium, and calcium.

(iv) Sodium, magnesium, and calcium are obtained as metals by electrolysis of their molten chlorides.



**Option 1:**

Only (i)

**Option 2:**

Only (iii)

**Option 3:**

Only (ii)

**Option 4:**

Only (i), (iii), (iv)

[86]:

Akshay borrowed ₹8000 for 2 years at the rate of 15% per annum. Find the amount if the interest is—

(i) compounded annually

(ii) compounded half-yearly

**Option 1:**

(i) ₹10550, (ii) ₹11883.25

**Option 2:**

(i) ₹10090, (ii) ₹12432.75

**Option 3:**

(i) ₹10580, (ii) ₹10680.25

**Option 4:**

(i) ₹10580, (ii) ₹10683.75

[87]:

A sphere of radius 7 cm, a cylinder of radius 7 cm and height 7 cm, and a cone of radius 7 cm and height 7 cm are given. Which of the following statements is true?

- (i) Surface area of sphere =  $616 \text{ cm}^2$
- (ii) Volume of cone =  $308 \text{ cm}^3$
- (iii) Volume of sphere =  $1437.33 \text{ cm}^3$
- (iv) Surface area of sphere =  $359.33 \text{ cm}^2$

**Option 1:**

Statements (i) and (ii) are correct

**Option 2:**

Statements (ii), (iii) and (iv) are correct

**Option 3:**

Only (i) and (iii) are correct

**Option 4:**

All are correct

**[88]:**

The compound interest on a sum of money for 2 years at 8% per annum is ₹4160. What will be the simple interest?

**Option 1:**

₹4000

**Option 2:**

₹3500

**Option 3:**

₹3800

**Option 4:**

₹4100

**[89]:**

Consider the following numbers:

- (i) 263
- (ii) 221
- (iii) 483

Which of the above are prime and composite?

**Option 1:**

(i), (ii) composite; (iii) prime

**Option 2:**

(i) prime; (ii), (iii) composite

**Option 3:**

All composite

**Option 4:**

All prime

**[90]:**

If the production of TVs in the 3rd year is 600 and in the 7th year is 700, then—

- (i) Production in the 5th year = 500
- (ii) Production in the 9th year = 750

(iii) Production in the first 6 years = 3675

**Option 1:**

Statements (i) and (ii) are true

**Option 2:**

Statements (ii) and (iii) are true

**Option 3:**

Only statement (ii) is true

**Option 4:**

All statements are true

**[91]:**

Using the empirical relation between mean, median, and mode, find the value of mode if median = 30 and mean = 25.

**Option 1:**

60

**Option 2:**

30

**Option 3:**

50

**Option 4:**

40

**[92]:**

If  $\cos B = 5/13$  and  $\sin A = 4/5$ , which of the following is true?

(i)  $\cos A = 5/3$ ,  $\tan A = 3/5$

(ii)  $\sin A = 12/5$ ,  $\cos A = 3/4$

(iii)  $\tan B = 12/5$ ,  $\cos A = 3/5$

(iv)  $\tan A = 12/13$ ,  $\sin B = 4/5$

**Option 1:**

Only (i) and (ii)

**Option 2:**

Only (ii) and (iii)

**Option 3:**

Only (iii)

**Option 4:**

Only (iv) and (iii)

**[93]:**

The height of a cone is 40 cm. It is cut by a plane parallel to its base, and the volume of the smaller cone is  $1/64$  of the original cone. Find the height from the base at which the cone is cut.

**Option 1:**

15

**Option 2:**

20

**Option 3:**

30

**Option 4:**

10

**[94]:**

A milkman sells 1 litre milk at ₹80, but instead of a 1 litre vessel, he uses a 950 mL vessel. Which of the following is correct?

(i) Selling at ₹80 per litre gives 5% profit.

(ii) Selling at ₹84 per litre gives 10% profit.

**Option 1:**

Only (i)

**Option 2:**

Only (ii)

**Option 3:**

Both (i) and (ii)

**Option 4:**

None of these

**[95]:**

A sum gets simple interest for 3 years at a fixed rate. If the rate of interest is increased by 4%, then ₹840 more is obtained. Find the principal.

**Option 1:**

7200

**Option 2:**

6800

**Option 3:**

7100

**Option 4:**

7000

**[96]:**

'कुछ लोग इंग्लिश बोलते हैं' का अंग्रेजी अनुवाद क्या होगा?

**Option 1:**

A few people speak English

**Option 2:**

Any people speak English

**Option 3:**

All people speak English

**Option 4:**

No one people speak English

**[97]:**

'वह कल विदेश से लौटेगा।' का अंग्रेजी अनुवाद क्या होगा?

**Option 1:**

He shall come from abroad yesterday

**Option 2:**

He will come from abroad yesterday

**Option 3:**

He will come from abroad tomorrow

**Option 4:**

He was come from abroad yesterday

**[98]:**

Acquittal का हिन्दी रूपांतरण क्या है?

**Option 1:**

दोषमुक्त

**Option 2:**

दोषयुक्त

**Option 3:**

दोषारोपण

**Option 4:**

अभियुक्त

[99]:

Provident Fund का हिन्दी रूपांतरण क्या है?

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**Option 1:**

भविष्य निधि

**Option 2:**

आरक्षित निधि

**Option 3:**

दूरदर्शी निधि

**Option 4:**

पारदर्शी निधि

[100]:

Defalcation का हिन्दी रूपांतरण क्या है?

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**Option 1:**

गबन

**Option 2:**

हवन

**Option 3:**

आरोपण

**Option 4:**

इनमें से कोई नहीं