

**MPSC 2023 GROUP B SET-3**

Question 1.	Question	Choice 1	Choice 2	Choice 3	Choice 4	Correct choice	Explanation
1	Which of the following article has been introduced for reservations for women in LS?	337 A	67 A	330 A	228 A	Choice 3	The Women's Reservation Bill (128th amendment Bill), introduced during the inaugural session in the new Parliament building on Tuesday, is a progressive step towards promoting and ensuring women's representation in politics. This proposed amendment is designed with the primary objective of enhancing women's participation in decision-making roles and offering them a more significant voice in the sphere of politics.
2	Which of the following board is being established in Konkan region of Maharashtra?	Mango Board	Turmeric Board	Research Centre for Banana	Watermelon Promotion Board	Choice 1	The Maharashtra state government has decided to establish a mango board in the Konkan region to support large-scale Hapus cultivation. The board will provide support in areas such as insurance, production enhancement, pest control, and research. Mango farmers have been demanding the establishment of a board for almost a decade.
3	The Maharashtra Cabinet on 18th August 2023 announced the implementation of which road scheme?	Bhagwan Birsa Munda Road Scheme	Char Dham Road Scheme	Atal Tunnel Road Scheme	Ganga Expressway Road Scheme	Choice 1	The Maharashtra government has launched the Bhagwan Birsa Munda Jodaraste Scheme, aimed at connecting tribal villages in 17 districts of the state with main roads.
4	Through which amendment Women Reservation Bill has been added to the constitution?	120th Constitution Amendment	122nd Constitution Amendment	126th Constitutional Amendment	128th Constitution Amendment	Choice 4	The Lok Sabha (LS) and Rajya Sabha (RS), both passed Women's Reservation Bill 2023 (128th Constitutional Amendment Bill) or Nari Shakti Vandan Adhinyam. The bill reserves one-third of the seats in Lok Sabha, State legislative assemblies and the Delhi assembly. This will also apply to the seats reserved for SCs (Scheduled Castes) and STs (Scheduled Tribes) in Lok Sabha and State Legislatures.
5	Latur Medium College of Maharashtra has been renamed after the name of:	Vilasrao Deshmukh	Morarji Desai	APJ Abdul Kalam	Anna Hazare	Choice 1	Maharashtra Chief Minister Uddhav Thackeray has approved the renaming of the Latur Medical College as Vilasrao Deshmukh Institute of Medical Sciences. The demand was put forward by the former MLA of Latur (Rural) Trimbak Bhise. The late Vilasrao Deshmukh had served as the former CM of Maharashtra. His son, Amit V Deshmukh is serving in the Maharashtra Cabinet as the Minister for Medical Education and Culture in the Maha Vikas Aghadi (MVA) government.
6	Asian Development Bank approved what amount of loan for Maharashtra to provide power connection in rural areas in Maharashtra?	350 million dollars	200 million dollars	700 million dollars	100 million dollars	Choice 1	The Asian Development Bank (ADB) and the Government of India today signed a \$350 million loan to improve the connectivity of key economic areas in the state of Maharashtra.
7	Which day is celebrated as State Journalist Day in Maharashtra?	2nd February	8th April	11th October	6th January	Choice 4	Balshastri Jambhekar is the first poet of Marathi language. He started the first Marathi language newspaper Darpan on 6th January 1832. The Maharashtra Government has declared Patrakar Din on January 6 on the occasion of Balshastri Jambhekar's birthday. This day is celebrated in the state of Maharashtra.
8	World Trade Expo 2023 will be held in:	Uttar Pradesh	Meghalaya	Maharashtra	Kerela	Choice 3	<u>Ramesh Bais, Governor of Maharashtra has consented to inaugurate the 4th edition of World Trade Expo, which is India's biggest business platform for aiding global trade linkages especially for MSMEs. The Expo is scheduled from 3-4 Oct 2023 at World Trade Center, Cuffe Parade, Mumbai.</u>
9	Which Indian Naval Ship has been decommissioned after 36 years of service?	INS Magar	INS Mahaan	INS Vihaan	INS Bhim	Choice 1	INS Magar Decommissioned After 36 Years Of Service: INS Magar, the oldest Landing Ship Tank, was decommissioned by the Indian Navy after 36 years of service on May 06 at the Naval base in Kochi.

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10	As per recent study human-induced climate change has caused a substantial change in the colour of?	Ocean	Trees	Land	Mountains	Choice 1	The colour of the Earth's oceans has significantly altered over the past two decades, most likely due to human-induced climate change, according to a new study. Over 56 per cent of the oceans, more than the total land area on the planet, has experienced the shift in colour, it added.
11	India recently signed MoU with which of the following country to collaborate on sharing of INDIA STACK?	Thailand	Pakistan	Canada	Trinidad and Tobago	Choice 4	India has signed a Memorandum of Understanding (MoU) with Trinidad and Tobago to share the India Stack with the Caribbean nation for mutual digital advancement.
12	Which city hosted the 'Global ESG Conclave 2.0' ?	Paris	Hong Kong	Amsterdam	Dubai	Choice 4	The Global ESG Conclave 2.0, organised by Associated Chambers of Commerce and Industry of India was held in Dubai on July 26. The conclave put spotlight on essential topics related to Environmental, Social and Governance (ESG) practices in business.
13	Daimabad in Maharashtra was located on which river?	Pravara	Krishna	Ganga	Indus	Choice 1	Daimabad is a deserted village and archaeological site on the left bank of the Pravara River, a tributary of the Godavari River in Shirampur taluka in Ahmednagar district of Maharashtra state in India.
14	Sant Namdev was a famous saint of which of the following states?	Uttar Pradesh	Uttarakhand	Maharashtra	Chattisgarh	Choice 3	Namdev (Pronunciation: *na:mdev+), also transliterated as Nam Dayv, Namdeo, Namadeva, (traditionally, c. 26 October 1270 – c. 3 July 1350) was a Marathi Vaishnav saint from Narsi, Hingoli, Maharashtra, India within the Varkari tradition of Hinduism.
15	Which of the following battles was fought in AD 1192?	First battle of Tarain	Second battle of Tarain	Battle of Talikota	Battle of Khanwa	Choice 2	The second battle of Tarain was fought between the Ghurid army led by Muhammad Ghori and the Rajput Chahamanas and their allies led by Prithvi Raj Chauhan in 1192.
16	Gandhi ji wanted the Communal Award to be withdrawn, for this he started a fast unto death in which of the following places?	Yeravada jail	Sabarmati ashram	Madras Central Jail	Kala Pani Jail	Choice 1	Mahatma Gandhi began a fast unto death in Yeravada Jail against the Communal Award of Ramsay Mac Donald. British prime minister Ramsay MacDonald on 16 August 1932 introduced the communal reward.
17	Which famous movement was started in Bombay on 8th August 1942?	Swadeshi movement	The Khilafat Movement	Non Cooperation Movement	The Quit India Movement	Choice 4	On 8 August 1942 at the All-India Congress Committee session in Bombay, Mohandas Karamchand Gandhi launched the 'Quit India' movement. The next day, Gandhi, Nehru and many other leaders of the Indian National Congress were arrested by the British Government.
18	Which of the following famous peasant movement took place in Maharashtra?	Eka Movement	Champanan Satyagraha	Kheda Satyagraha	Poona Sarvajanik Sabha	Choice 4	The Poona Sarvajanik Sabha was founded on April 2, 1870, in Poona, India, in response to public dissatisfaction with the management of a local temple. The Deccan Association, founded in 1850, and the Poona Association, founded in 1867, both failed within a few years, and the western educated residents of Poona saw the need for a modern socio political organization.
19	Which of the following tribal movements took place in Maharashtra during the British Rule?	Kuki Rising	Singpo Rising	Munda Revolt	Ramsoi Revolt	Choice 4	The Maharashtra-based Ramosi Uprising (1877–1887) was a farmer uprising against the British government's lack of anti-famine action. Vasudev Balwant Phadke was in charge of it. Instead of calm protests, there were violent ones. In Satara, the Ramosi revolt against British authority took place in 1822 under the leadership of Chittur Singh...
20	Which of the following Maratha ruler signed the Treaty of Bassein with the British?	Baji Rao I	Balaji Baji Rao	Balaji Vishwanath	Baji Rao II	Choice 4	Treaty of Bassein, (Dec. 31, 1802), pact between Baji Rao II, the Maratha peshwa of Poona (now Pune) in India, and the British.

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21	In which year did Shivaji make Raigarh his capital?	1674 AD	1680 AD	1627 AD	1656 AD	Choice 1	In 1674, after being crowned the king of the Maratha kingdom, Shivaji chose Raigad as his capital. Under his reign, the Maratha Empire expanded to encompass a significant portion of western and central India.
22	Tarabai ascended the throne after the death of which ruler?	Shivaji	Rajaram	Sambhaji	Shahu	Choice 2	Tarabai Bhonsle was the spouse of Rajaram Bhonsale, the third Chhatrapati of the Maratha Empire. She assumed the role of the regent of the empire from 1700 to 1708 after the demise of Rajaram.
23	The Collector of Nashik in British India was assassinated by which of the following freedom fighter from Maharashtra ?	Babu Genu	Baiza Bai	Anant Laxman Kanhere	Nana Patil	Choice 3	Anant Laxman Kanhere (1892 -1910) was an Indian independence fighter from Nashik. On 21 December 1909, he shot dead the Collector of Nashik in British India. The murder of Jackson was an important event in the history of Nashik and the Indian revolutionary movement in Maharashtra.
24	The first individual Satyagrahi, Acharya Vinoda Bhave offered Satyagrahi in which among the following way?	By not paying taxes	By burning British flags	By makin a against the viceroy of India	By making anitwar speech	Choice 4	Acharya Vinobha Bhave started the Individual Satyagraha from Pavnar (Maharashtra) by making an antiwar speech. Jawahar Lal Nehru was the second person to start Individual Satyagraha.
25	Maharashtra falls under which mineral region of India in the east?	Konkan Area	Vidharbha Area	Southern Belt	North-Western Belt	Bonus mark	
26	Which of the following Ultra Mega Power Plant is located in Maharashtra?	Sasan	Mundra	Girye	Tadri	Choice 3	Girye Ultra Mega Power Project is one of nine Ultra Mega Power Projects proposed by the government of India as part of a strategy to add an additional 100,000 megawatts of generation capacity by 2017. The 4,000 megawatt project is proposed for the state of Maharashtra.
27	Which of the following thermal plant is located in Maharashtra?	Uran Gas Turbine Power Station	Kota Super Thermal Power Station	Korba Super Thermal Power Plant	Barauni Thermal Power Station	Choice 1	Chandrapur Super thermal power station is the largest thermal power plant in Maharashtra as it can produce 3300 MW of energy.
28	Konkan Railway connects:	Maharashtra, Karnataka and Goa	Maharashtra , Madhya Pradesh, Odisha	Karnataka, Goa, Kerela	Kerela, Tamilnadu, Maharashtra	Choice 1	The Konkan Railway was the missing link between India's commercial capital, Mumbai, and Mangalore. The 741-kilometre line connects Maharashtra, Goa and Karnataka States
29	Ambedkar Airport is located in which of the following city?	Mumbai	Nagpur	Kolkata	Kanpur	Choice 2	Dr. Babasaheb Ambedkar International Airport is a customs airport serving the city of Nagpur, Maharashtra and India. It was named after Bharat Ratna Dr. "Babasaheb" Ambedkar, the chief architect of the Indian Constitution in 2005.
30	Which of the following rivers does not flow into the Bay of Bengal?	Mahandi	Kaveri	Tapi	Godavari	Choice 3	The river that does not flow into the Bay of Bengal is Tapi. Tapi is a river located in central India that flows westwards and finally drains into the Arabian Sea.
31	The direction of the monsoon of the Arabian Sea branch is from:	NorthEast-SouthWest	SouthWest-NorthEast	SouthEast-NorthWest	NorthWest-SouthEast	Choice 1	Monsoon winds blow from the northeast and southwest across the Arabian Sea, alternating their dominating direction with the seasons. Winds blow from Southwest Asia toward the sea in the winter.
32	According to 2011 census ,What is Maharashtra's rank in population?	5th	1st	2nd	7th	Choice 3	According to the provisional results of the 2011 national census, Maharashtra was at that time the richest state in India and the second-most populous state in India with a population of 112,374,333. Contributing to 9.28 per cent of India's population, males and females are 58,243,056 and 54,131,277, respectively.
33	According to 2011 census, the literacy rate of Maharashtra is:	75%	70%	64%	82%	Choice 4	In the 2011 census, it was observed that the state has high literacy rates. The total Maharashtra literacy rate was 82.34% as accounted for by the 2011 census. The male literacy rate stood at 88.38%. However, the female literacy rate lagged at a staggering 69.87%.

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34	The phenomena "Rainfall of Diamonds" occur on which of the following planets?	Uranus	Earth	Mars	Venus	Choice 1	The methane present in the atmosphere of the outer planets, when subjected to such high temperatures, changes its form. They are usually compressed to small crystalline carbon fragments that form patterns like diamonds, resulting in diamond rains on Neptune and Uranus.
35	Maharashtra contributes about how much percentage of GDP of India?	5%	15%	25%	35%	Choice 2	Maharashtra is the 'powerhouse of the Indian economy' as it contributes more than 15 per cent of India's GDP, Deputy Chief Minister Devendra Fadnis said on Thursday.
36	Which city of Maharashtra is known for its cotton seeds?	Akola	Aurangabad	Kolhapur	Nagpur	Choice 1	The largest city in Vidarbha is Nagpur followed by Amravati, Akola, Chandrapur and Gondia. A majority of Vidarbha residents speak Varhadi and Zadi dialects of Marathi. The Nagpur region is known for growing oranges and cotton.
37	The Bombay reorganization Act of 1960 split Bombay into present state of:	Maharashtra and Karnataka	Maharashtra and Telangana	Maharashtra and Gujarat	Maharashtra and Goa	Choice 3	In the year 1960, an act was passed by the Parliament of India. The act was called the Bombay Reorganization Act and it was passed with the aim to divide the state of Bombay, into two states Gujarat and Maharashtra. The act was passed and legislation became effective on the first of May, 1960.
38	Fundamental Rights have been described in which part of the constitution?	Part 1	Part 3	Part 5	Part 7	Choice 2	Article 12 to 35 contained in Part III of the Constitution deal with Fundamental Rights. The model for Fundamental Rights in India has been taken from the Constitution of the USA. Fundamental rights are basic rights provided to the people in order to live with dignity and integrity. They are enshrined in Part III of the Indian Constitution.
39	The term of Legislative Assembly can be extended upto how much time in case of national emergency?	2 months	6 months	9 months	1 year	Choice 4	The term of the state legislative assembly can be extended during the period of national emergency by a law of Parliament for one year at a time but only for a maximum of 3 years. 2. The governor is authorised to dissolve the state legislative assembly at any time even before the completion of five years.
40	The three tier system of Panchayati Raj System was recommended by which of the following committee?	Balwant Rai Mehta Committee	Ashok Mehta Committee	LM Singhvi Committee	PESA Act	Choice 1	The Balwant Rao Mehta Committee was formed in 1957. It introduced the three-tier Panchayati Raj system, which consisted of the Gram Panchayat at the village level, the Panchayat Samiti at the block level and the Zila Parishad at the district level.
41	How many members are elected from local bodies in Maharashtra Vidhan Parishad ?	22	7	12	39	Choice 1	22 members are elected from amongst the local bodies of Maharashtra from 21 divisions of Maharashtra ( Mumbai (2 seats) and one seat each from Ahmednagar, Akola-cum-Washim-cum-Buldhana, Amravati, Aurangabad-cum-Jalna, Bhandara- Gondiya, Dhule-cum-Nandurbar, Jalgaon, Kolhapur, Nagpur, Nanded, Nashik, Osmanabad-cum-Latur-cum-Beed, Parbhani-Hingoli, Pune, Raigad-cum-Ratnagiri-cum-Sindhudurg, Sangli-cum-Satara, Solapur, Thane-cum-Palghar, Wardha-cum-Chandrapur-cum-Gadhchiroli and Yavatmal)
42	The winter sessions of Maharashtra Legislative Council are held in:	Mumbai	Nagpur	Kolhapur	Pune	Choice 2	The budget session and the monsoon session are convened in Mumbai whereas the winter session is convened in the auxiliary capital Nagpur.
43	Who was first Speaker of Maharashtra Legislative Assembly after formation of Maharashtra state?	S.L. Silam	Dattatray Kashinath Kunte	Rahul Narvekar	Narahari Zilvarkar	Choice 1	Ganesh Mavlankar was the first Speaker of Maharashtra Legislative Assembly. Later, Ganesh Mavlankar became the Speaker of the Lok Sabha of India.
44	If state government dissolves the Panchayat then next elections should be held within:	4 months	3 months	1 year	6 months	Choice 4	If the panchayat is dissolved, it is compulsory to hold elections within 6 months. An election to constitute a Panchayat shall be completed before the expiration of a period of six months from the date of its dissolution.

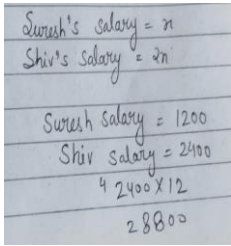
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45	Which type of bill can the governor of Maharashtra not send for reconsideration back to the Maharashtra legislative assembly?	Ordinary bill	Money bill	Constitutional amendment bill	Finance bill	Choice 2	When a Money Bill is presented to the Governor, he may give his assent, withhold his assent or reserve the bill for Presidential assent but cannot return the bill for reconsideration of the State Legislature.
46	The minimum possible strength of council of ministers in Maharashtra according to constitution is:	12	20	30	19	Choice 1	The correct answer is 12. The minimum strength of council of ministers in a state as per Constitution (91st Constitutional Amendment Act) is 12 and the maximum is 15 per cent of Legislative Assembly.
47	The Indian Constitution provides for the appointment of Ad hoc judges in the:	High Court	District Court	Supreme Court	Parliament	Choice 3	Article 127 provides for the appointment of an ad-hoc judge in the Supreme Court. Ad-hoc judges can be appointed in the Supreme Court by the Chief Justice of India
48	Who was the first Chief Justice of Bombay High Court ?	Sir Mathew Richard Sausse	Sir Richard Couch	Sir Charles Sargent	B. N. Deshmukh	Choice 1	Sir Mathew Richard Sausse, was the first Chief Justice of Bombay High Court . Nothing much is known about him, except that he was a reserved and retiring man averse to mixing in society; so much so, it is said, that he never entered the Government House, nor joined a club nor attended any dinner or social function, and he never read newspapers
49	The first modern cotton textile mill was established in Bombay in the year:	1850	1844	1854	1888	Choice 3	Bombay Spinning and Weaving Company was the first cotton mill to be established in Bombay, India, on 7 July 1854 at Tardeo by Cowasjee Nanabhoy Davar (1815-73).
50	Indian Security Press' is in which of the following city?	Dewas	Hyderabad	Nashik	Mysore	Choice 3	India Security Press ('ISP, Nashik'), established in the year 1925, is one of the oldest units of SPMCIL dealing with the printing of diverse security products. It is the only organization in India that prints Passports and other travel documents for Government of India.
51	The Central Office of the Reserve Bank was initially established in Kolkata but was permanently moved to Mumbai in the year:	1947	1944	1937	1930	Choice 3	The Central Office of the Reserve Bank was initially established in Kolkata but was permanently moved to Mumbai in 1937. The Central Office is where the Governor sits and where policies are formulated.
52	Which of the following committee was constituted for reforms in tax structure?	Narsimham Committee	Chelliah Committee	Gadgil Committee	Kelkar Committee	Choice 2	The correct answer is Chelliah Committee. The Government appointed a Tax Reforms Committee in 1991 under Prof Raja Chelliah to lay out the agenda for reforming India's tax system.
53	Projected GSDP of Maharashtra for the year 2023-24 is around:	38.79 Lakh crore	25 Lakh crore	15 Lakh crore	14 Lakh crore	Choice 1	The Gross State Domestic Product (GSDP) of Maharashtra for 2023-24 (at current prices) is projected to be Rs 38,79,792 crore, amounting to growth of 10% over 2022-23. Expenditure (excluding debt repayment) in 2023-24 is estimated to be Rs 5,47,450 crore, an increase of 3.6% over the revised estimates of 2022-23.
54	Fiscal Deficit of Maharashtra for the year 2022-23 is around:	2.50% of GSDP	7.50% of GSDP	10% of GSDP	0.5% of GSDP	Choice 1	2022-23 is targeted at Rs 89,598 crore (2.50% of GSDP). In 2021-22, as per the revised estimates, fiscal deficit is expected to be 2.79% of GSDP, higher than the budget estimate of 2.24% of GSDP.
55	Shishu , Kishor and Tarun are the schemes of :	Regional rural banks	Pradhan Mantri MUDRA Yojana (PMMY)	Small Industries Development Bank of India	Industrial Development Bank of India	Choice 2	The primary product of PM's 'Pradhan Mantri Mudra Yojana' will be providing refinance for lending to micro businesses. The interventions have been named 'Shishu', 'Kishor', and 'Tarun' to signify the stage of growth/development.
56	Mumbai Metropolitan Region Development Authority was established in the year:	27th June 1975	23rd May 1975	26th November 1974	26th January 1975	Choice 4	Mumbai Metropolitan Region Development Authority (MMRDA) was set up on the 26th January 1975 under the Mumbai Metropolitan Region Development Authority Act. Metropolitan Commissioner is an appointee by the Government of Maharashtra. Its activities are: Development planning for the region.

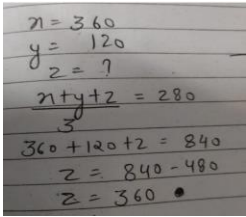
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57	Which of the following sectors is a part of the social sector in Maharashtra?	Banking and finance	Agriculture and farming	Healthcare and education	Information technology	Choice 3	I preset a report on the panel discussion for "social sector", with focus on health, nutrition and education. The chairperson, Hon'ble Minister Smt. Smriti Zubin Irani, highlighted the shift to citizen centricity and the need to find innovative solutions for social development. Speaking of the need for structural percolations in policy planning, it was emphasized that 'there could be NO compromise on education in the national interest' and that literacy is key to improving public health in India
58	Which of the following Sustainable Development Goals focuses on reducing inequalities within countries?	SDG 2	SDG 7	SDG 10	SDG 3	Choice 3	Goal 10: Reduce inequality within and among countries Reducing inequalities and ensuring no one is left behind are integral to achieving the Sustainable Development Goals.
59	Which social reformer from Maharashtra is also known as 'Mother of orphans'?	Dhondo Keshav Karve	Sindhutai Sapkal	Mahatma Jyotiba Phule	Dr. Rani Bang	Choice 2	Sindhutai Sapkal, who grew up in extreme poverty and endured immense hardship, is known for the institutes she set up for orphan children. Having raised over 1,050 orphan children, she would boast of having 207 sons-in-law and 36 daughters-in-law.
60	Bal Gangadhar Tilak established the New English School in Poona in the year:	1896	1880	1870	1875	Choice 2	In 1880 Vishnushastri Chiplunkar, Lokmanya Bal Gangadhar Tilak and Gopal Ganesh Agarkar established the New English School, one of the first native-run schools offering Western education in Pune.
61	What kind of energy is stored in a watch's spring?	Potential Energy	Kinetic Energy	Heat Energy	Chemical Energy	Choice 1	A manual mechanical movement watch is powered by winding the crown before it is worn. The mechanical energy from winding the crown is converted into potential energy in the watch's mainspring, which is gently released to the watch's hands
62	In which type of oscillation the loss of the oscillator is compensated by supplying energy from an external source?	Free oscillation	Maintained oscillation	Forced oscillation	Damped oscillation	Choice 2	A manual mechanical movement watch is powered by winding the crown before it is worn. The mechanical energy from winding the crown is converted into potential energy in the watch's mainspring, which is gently released to the watch's hands.
63	Sound cannot pass through in which of the following?	Solids	Liquids	Gases	Vacuum	Choice 4	The correct answer is Vacuum. Sound vibration must travel through matter. Sound cannot travel through a vacuum. A vacuum is an area without any air, like space.
64	Which of the following is the unit of measurement for the fiery heat of a chilli pepper?	Wright	Smith	Orville	Scoville	Choice 4	The Scoville scale is a measurement of pungency (spiciness or "heat") of chili peppers and other substances, recorded in Scoville heat units (SHU).
65	What is the dipole moment in the BF <sub>3</sub> molecule?	0	1	1.25	2.15	Choice 1	The BF <sub>3</sub> molecule has a symmetrical trigonal planar geometry, like the SO <sub>3</sub> molecule. In such a structure, the resultant moment of any two B-F dipoles is equal in magnitude but opposite in direction to the moment of the third one. So, the net dipole moment of the BF <sub>3</sub> molecule is zero, and it is non-polar.
66	What is the primary constituent of Biogas?	Butane	Methane	Nitrogen dioxide	Ethyne	Choice 2	Biogas is produced under anaerobic conditions; the process is denominated as anaerobic digestion. The major constituent of biogas is methane (55-70%), CO <sub>2</sub> (30-45%) and some traces of gases such as H <sub>2</sub> S and ammonia.
67	Which element has the narrowest liquid range in the periodic table?	Fluorine	Helium	Neon	Argon	Choice 3	Neon is in a liquid state at 2.69C (36.79F) and has the narrowest liquid range of any element in the periodic table. Neon was discovered in 1898 by William Ramsay and Morris Travers at University College London.
68	Which of the following helps in blood circulation?	Monocytes	Arithrocytus	Blood platelets	Lymphocytes	Choice 4	Lymphocytes -They continuously circulate between the lymph and blood until they encounter their antigen. In a lymph node, for example, lymphocytes continually leave the bloodstream by squeezing out between specialized endothelial cells lining small veins called postcapillary venules.

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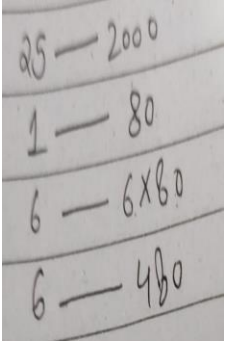
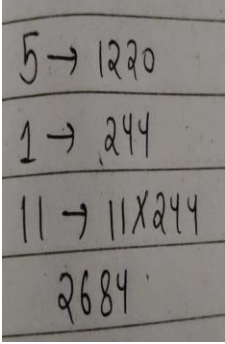
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69	Which of the following is the most giant living bird?	Peacock	Ostrich	Kiwi	Eagle	Choice 2	The largest bird is the Struthio, also referred to as the ostrich. They are the largest of all the birds in terms of weight, with males reaching 220 to 287 pounds and standing 6.9 to 9 feet tall.
70	In plants, water is transported by:	Epidermis	Phloem	Cambium	Xylem	Choice 4	In plants, water is transported through the Xylem. Xylem is a specialized tissue in the form of a vascular bundle that transports water absorbed by the roots to the tips of the plant. It also transports the nutrients along with water across the plant.
71	The common spice clove is derived from which of the following?	Fruit	Stem	Flower bud	Root	Choice 3	Cloves are the dried, unopened, nail-shaped flower buds of the evergreen tree Syzygium aromaticum.
72	The floral component that yields pollen grain is called:	Sepal	Petal	Anther	Ovary	Choice 3	The floral part that produces Pollen Grain is Anther. ● Stamens are the structure that produces pollen terminal sac-like structure called Anthers.
73	Which vitamin is produced by the intestinal bacteria?	Vitamin A	Vitamin E	Vitamin D	Vitamin K	Choice 4	Vitamin K is a vitamin that is majorly synthesized by bacteria in the large intestine. Dietary sources include the photosynthetic (green) parts of plants.
74	At the end of a business conference, the 10 people present all shake hands with each other once. How many handshakes will there be altogether?	45	44	42	20	Choice 1	<p>When 10 people are shaking hands, each one will shake hands with 9 others.</p> <p>Then the total number of handshakes = <math>10 \times 9 = 90</math></p> <p>(Remember that, when A shakes hands with B, B is also shaking hands with A. That means, we are counting one handshake twice, one from A's side and the other from B's side)</p> <p>The total number of handshakes in actual = <math>90/2 = 45</math> handshakes</p> <p>∴ The total number of handshakes is 45.</p>
75	What is the value of y? $3x + 2y = 10$ $4x + 6y = 12$	10/7.0	17/7.0	12/7.0	16/7.0	Bonus mark	
76	The total age of three kids in a family is 42 years. What will be the total of their ages after three years?	328	378	388	338	Bonus mark	
77	Simplify: $123 - 19 \times 2 + 12$	900	920	910	890	Bonus mark	
78	The population of the village is 19980. Out of them 4523 are women and 6323 are men. Find the number of children in the city.	9134	9124	9114	9280	Choice 1	Total=19980 Women=4523 Men=6323 Children=19980-(4523+6323)
79	Find out the signs to be interchanged to make the following equation correct. $8-9 \times 8/4+1=25$	plus and subtract	multiply and divide	divide and subtract	subtract and multiply	Choice 1	$8 + ((9 \times 8) / 4) - 1 =$ <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <math display="block">25</math> </div>
80	Salary of Shiv is 2 times more than that of Suresh. Suresh's monthly salary is 1200. Find Shiv's yearly salary	28800	2430	2460	2890	Choice 1	 <p>Suresh's salary = 1200 Shiv's salary = 2400 <math>2400 \times 12 = 28800</math></p>

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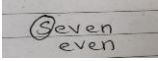
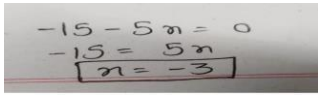
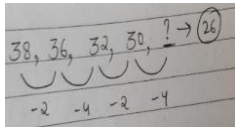
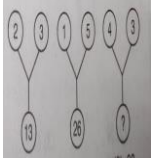
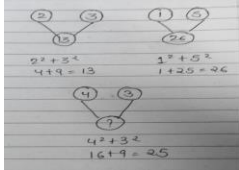
Question 1.	Question	Choice 1	Choice 2	Choice 3	Choice 4	Correct choice	Explanation
81	The area of the triangle is 180 and the base is 12. Find the height	30	25	36	23	Choice 1	$h_b = 30$ <p><math>b</math> Base <input type="text" value="12"/></p> <p><math>A</math> Area <input type="text" value="180"/></p>
82	The average of three numbers is 280. First two numbers are 360 and 120. Find the third number	280	120	240	360	Choice 4	
83	If the sum of three consecutive even numbers is 126. Find the middle number	40	42	44	46	Choice 2	<p>Let the numbers be <math>2n + 2</math>, <math>2n + 4</math> and <math>2n + 6</math>. Then the sum is</p> $2n + 2 + 2n + 4 + 2n + 6 = 6n + 12$ $6n + 12 = 126 \text{ (given)}$ $6n = 126 - 12$ $6n = 114$ $n = 114 \div 6$ $n = 19$ <p>Therefore, the numbers are 40, 42, 44.</p>
84	The average speed of bus is 80 miles per hour. Total time is 4 hours, find the distance	310	280	420	320	Choice 4	$v = \frac{x}{t}$ <p><math>v</math> = average velocity  <math>x</math> = displacement  <math>t</math> = change in time</p> <p>3. Input variables, solve and simplify</p> <p>a. Identify knowns</p> $v = 80 \text{ mi/h}$ $t = 4 \text{ h}$ <p>b. Plug-in values</p> $80 \text{ mi/h} = \frac{x}{4 \text{ h}}$ <p>c. Multiply all terms by the same value to eliminate fraction denominators</p> $4 \text{ h} \cdot 80 \text{ mi/h} = 4 \text{ h} \cdot \frac{x}{4 \text{ h}}$ <p>d. Cancel multiplied terms that are in the denominator</p> $4 \text{ h} \cdot 80 \text{ mi/h} = x$ <p>e. Multiply the numbers</p> $320 \text{ mi} = x$



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Question 1.	Question	Choice 1	Choice 2	Choice 3	Choice 4	Correct choice	Explanation
85	80 is what percent of 200?	40	30	25	35	Choice 1	
86	A bottle factory manufactured 2000 bottles in 25 days. How many bottles did it manufacture in 6 days?	420	440	430	480	Choice 4	
87	The cost of 5 purses is 1220. Find the cost of 11 purses.	2684	2682	2660	2650	Choice 1	
88	According to All India Survey on Higher Education 2020-2021, Which city from Maharashtra ranks 4th in number of Educational Institutions?	Mumbai	Pune	Nagpur	Nasik	Choice 2	In recent years, Pune has gained recognition as the city that offers the greatest education in the nation. The second-largest city in Maharashtra is called Pune.
89	What is the rank of Maharashtra according to size of GDP?	1st	2nd	3rd	4th	Choice 1	1st rank of Maharashtra according to size of GDP. Maharashtra emerges as the Indian state with the highest GDP. For the fiscal year 2022–2023, its Gross State Domestic Product (GSDP) is projected to reach \$28,18,55,457. Renowned as a major hub for business, trade, and industry, Maharashtra hosts Mumbai, the financial epicenter of India.

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Question 1.	Question	Choice 1	Choice 2	Choice 3	Choice 4	Correct choice	Explanation
90	Which company included in 'General Insurance Corporation' has its head office in Mumbai?	United India Insurance Company	The Oriental Insurance Company Limited	National Insurance Company Limited	The New India Assurance Company Limited	Choice 4	New India Assurance based in Mumbai is a nationalized general insurance company owned by the Ministry of Finance, Government of India. It was founded in 1919 (nationalized in 1973) by Sir Dorabji Tata and has its head office in Mumbai.
91	India's first Bharatiya Mahila Bank was opened in which of the following city?	Mumbai	Chennai	Kanpur	Mysore	Choice 1	India's first women's bank, Bharatiya Mahila Bank was inaugurated in Mumbai by Prime Minister Dr. Manmohan Singh on the birth anniversary of Shrimati Indira Gandhi. One of the key objectives of the bank is to focus on the banking needs of women and promote economic empowerment.
92	I am an odd number. Take away one letter and I become even. What number am I?	Nine	Seven	Eleven	Twelve	Choice 2	Seven is an odd number. If we remove one letter i.e; 'S' it will become _even Hence, the answer is seven 
93	Solve $-15 + (-5x) = 0$	-3	3	0	45	Choice 1	
94	Look at this series: 38, 36, 32, 30, ? What number should come next?	26	24	22	20	Choice 1	
95	If $13 \times 11 = 341$ and $12 \times 13 = 651$ then, $13 \times 6 = ?$	78	76	87	84	Bonus mark	
96	Find the missing number: 	20	22	29	25	Choice 4	
97	Find the correct analogy: Thermometer:Temperature	Length: Breadth	Milimeter: Scale	Cardiograph: Heart rate	Solar energy: Sun	Choice 3	Cardiograph: Heart rate
98	Rectify the error in the sentence: The Leaders' Summit (1) of India's presidency (2) of the G-20 grouping (3), held in the weekend (4)	1	2	3	4	Choice 4	Instead of 'in' ---- "over"  <i>The Leaders' Summit of India's presidency of the G-20 grouping, held over the weekend.</i>
99	What does light year measure?	Intensity of light in one year	Distance of light travels in one year	Intensity of light in one day	Distance of light travels in one day	Choice 2	Light-year is the distance light travels in one year.
100	How many feet are in the mile?	5280	5260	6220	6940	Choice 1	There are 5,280 feet in a mile.