

MPSC 2023 GROUP B SET 4

Question No.	Question	Choice 1	Choice 2	Choice 3	Choice 4	Correct choice	Explanation
1	Which institution published the 'Trade and Development Report 2023'?	WEF	IMF	NITI Aayog	UNCTAD	Choice 4	UNCTAD's Trade and Development Report 2023 warns that the global economy is stalling, with growth slowing in most regions compared with last year and only a few countries bucking the trend.
2	Which High Court has prohibited the use of cellphones inside temples?	Madras High Court	Delhi High Court	Bombay High Court	Calcutta High Court	Choice 1	The Madurai Bench of Madras High Court has prohibited devotees from carrying mobile phones inside temples in Tamil Nadu. The Division Bench of Justice R. Mahadevan and J Sathya Narayana Prasad held that the gadgets divert the attention of the devotees from the purpose of visiting the temple.
3	In which state did Chief Justice of India D Y Chandrachud launch the district court digitization hubs (DCDH)?	Andhra Pradesh	Odisha	Uttar Pradesh	Madhya Pradesh	Choice 2	Chief Justice of India (CJI) DY Chandrachud on Monday virtually inaugurated District Court Digitisation Hubs (DCDH) in 10 districts of Odisha. The hubs at Angul, Bhadrak, Jharsuguda, Kalahandi, Keonjhar, Koraput, Malkangiri, Mayurbhanj, Nayagarh and Sonepur, will take care of digitisation work of all 30 districts of the state.
4	Which organisation signed an agreement with the Union Ministry of Power to establish early warning systems for vulnerable hydro projects?	DRDO	ISRO	BHEL	HAL	Choice 1	Ministry of Power signed a Memorandum of Understanding with Defence Research and Development Organization (DRDO), Ministry of Defence today here for Implementation of Early Warning System for Vulnerable Hydro Projects/Power Stations.
5	Which Union Ministry is in charge of creating Eco-Parks on reclaimed land and promoting mine tourism?	Mines Ministry	Steel Ministry	Power Ministry	Coal Ministry	Choice 4	Coal Ministry is developing Eco-Parks on reclaimed land and to promote mine tourism. As part of the ongoing efforts, eight eco-parks have been constructed recently in different parts of the country and two more such parks will be completed in 2022-23.
6	What organisation published a disaster management plan for the power sector?	REC (Rural Electrification Corporation)	PFC (Power Finance Corporation)	CEA (The Central Electricity Authority)	CERC (Central Electricity Regulatory Commission)	Choice 3	The Central Electricity Authority (CEA) has released the disaster management plan (DMP) for the power sector in a bid to evolve a proactive and integrated approach to strengthen disaster mitigation, preparedness, emergency response, and recovery efforts.
7	What is the rank of India in the 'Global Innovation Index 2023'?	60	50	40	30	Choice 3	India retains 40th rank out of 132 economies in the Global Innovation Index 2023 rankings published by the World Intellectual Property Organization (WIPO).
8	What is projected India's GDP growth this fiscal year, according to a recent prediction by the Asian Development Bank?	0.071	0.063	0.056	0.089	Choice 2	The Asian Development Bank lowered India's gross domestic product (GDP) projection by one percentage point for fiscal 2022-2023 to 6.3 per cent from 6.4 per cent.
9	Which state launched 'Mobile Van Program' to boost Natural Farming?	Odisha	Arunachal Pradesh	Himachal Pradesh	Rajasthan	Choice 3	In an attempt to promote environmentally friendly farming, the Himachal Pradesh Agriculture Department launched a 'Mobile Van Program' under the 'Prakritik Kheti Khushhal Kisan Yojana' on Friday in Shimla.
10	Which country launched the 'Hwasong-17' or the Monster missile?	North Korea	China	Israel	Japan	Choice 1	North Korea has confirmed it fired an intercontinental ballistic missile and that it was the Hwasong-17, known as the country's "monster missile".
11	Which country celebrated the official launch of its first liquefied natural gas terminal?	Italy	Spain	England	Germany	Choice 4	Germany's Chancellor Olaf Scholz officially opened the country's first floating liquefied natural gas (LNG) terminal, as a shift from reliance on Russian fossil fuel imports.

MPSC 2023 GROUP B SET 4

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12	Which nation has joined the NATO security alliance as its thirty-first member?	Denmark	Norway	The Netherlands	Finland	Choice 4	Finland became NATO's newest member today (4 April 2023), upon depositing its instrument of accession to the North Atlantic Treaty with the United States at NATO Headquarters in Brussels. NATO Allies signed Finland's Accession Protocol on 5 July 2022, after which all 30 national parliaments voted to ratify the country's membership.
13	Which of the following women represented India at the second Round Table Conference in relation to the Indian Freedom Struggle?	Sucheta Hriplani	Aruna Asaf Ali	Vijayalakshmi Pandit	Sarojini Naidu	Choice 4	Indian Women at Second Round Table Conference were represented by Sarojini Naidu.
14	Who was India's Viceroy at the time of the Jallianwala Bagh Massacre?	Lord Irwin	Lord Chelmsford	Lord Hardinge	Lord Curzon	Choice 2	Lord Chelmsford (1916-1921) was the governor General or viceroy of India at the time of jallianwala bagh massacre
15	The first movement started against the British in India was :	Non-Cooperation Movement	Swadeshi Movement	Quit India Movement	Khilafat Movement	Choice 2	The Swadeshi movement is the first movement launched against the British in India started in the year 1905.
16	Who founded India's first women's university?	Dhondo Keshave Karve	Rani Ahilya Devi	J.C. Kumarappa	Mahatma Gandhi	Choice 1	SNDT Women's University is the first Women's university in India as well as in South-East Asia. The University was founded by Maharshi Dr. Dhondo Keshav Karve in 1916 for a noble cause of Women's Education.
17	The name of the prominent Indian who returned the knighthood conferred upon him by the British Government in 1919 as a symbol of protest against the crimes in Punjab was:	Syed Ahmed Khan	Ashutosh Mukherjee	Rabindra Nath Tagore	Tej Bahadur Sapru	Choice 3	Rabindranath Tagore returned his Knighthood award as a protest when he came to know about the Jallianwala Bagh Massacre on 22 May 1919.
18	Who was known as the 'Father of Indian Unrest' by British rulers?	M. K. Gandhi	Subhash Chandra Bose	Bal Gangadhar Tilak	Gopal Krishna Gokhale	Choice 3	Bal Gangadhar Tilak was the first leader of the Indian Independence Movement. The British colonial authorities called him "The father of the Indian unrest."
19	Which of the following was elected as the President of the Central Legislative Assembly in March 1925?	Madan Mohan Malaviya	CR Das	Vithalbai Patel	Motilal Nehru	Choice 3	Vithalbai Patel was an Indian legislator and political leader, co-founder of the Swaraj Party, and elder brother of Sardar Patel. The Swaraj Party became the largest single party in the Central Legislature, and in most provincial legislative assemblies. Vithalbai Patel himself was elected President (the equivalent of Speaker) of India's Central Legislative Assembly, and helped put in place many legislative procedures that still exist today.
20	Who was the first woman President of the Indian National Congress :	Annie Besant	Kasturba Gandhi	Sarojini Naidu	Vijayalakshmi Pandit	Choice 1	Annie Besant was the first woman President of Indian National Congress. She presided over the 1917 Calcutta session of the Indian National Congress. She first came to India on 16 November 1893. When World War I broke out in 1914, she helped launch the Home Rule League to campaign for democracy in India and dominion status within the Empire.
21	Subhash Chandra Bose beat who during his re-election as President of the INC at the Tripuri Session in 1939?	J.B.Kriplani	Pattabhi Sitaramaiyya	Rajendra Prasad	Abul Kalam Azad	Choice 2	Gandhi didn't favour a second term for Subhash. Subhash was adamant, and a contest ensued: Subhas vs. Pattabhi Sitaramayya of Andhra PCC. Pattabhi Sitaramayya was backed by Gandhi.

MPSC 2023 GROUP B SET 4

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22	In which year did Revolutionary Udham Singh avenged the Jallianwala Bagh murder by assassinating Michael Francis O'Dwyer?	1942	1940	1932	1935	Choice 2	Sardar Udham Singh, who was so enraged by the incident that he took an oath to kill Colonel Reginald Dyer and Michael Francis O'Dwyer, the then Governor of Punjab, who ordered the firing by taking the soil of Jallian Wala Bagh in his hands. Was. After trying for a full 21 years, he was able to complete his revenge by killing Michael O'Dwyer in 1940.
23	In which state Mahatma Gandhi was born?	Rajasthan	Madhya Pradesh	Gujarat	Assam	Choice 3	Mohandas Karamchand Gandhi was born in Porbandar, a town in Gujarat in western India on 2 October 1869. His father Karamchand Gandhi was the Diwan of Porbandar state of British India.
24	Who founded the Swatantra Party?	Bal Gangadhar Tilak	Gopal Krishna Gokhale	Dadabhai Naoroji	C. Rajagopalachari	Choice 4	Chakravarti Rajagopalachari, (born 1879, Hosur, India—died Dec. 25, 1972, Madras [now Chennai]), the only Indian governor-general of independent India. He was a founder and leader of the Swatantra (Independent) Party in 1959.
25	Which Indian city processes 90% of the world's tiny diamonds?	Mumbai	Surat	Kanpur	Bhopal	Choice 2	Surat has been one of the nerve centres of the global diamond industry where 90 percent of the world's natural diamonds come to life. This is where rough stones are transformed into brilliant polished diamonds and then crafted into trend-setting jewellery designs.
26	Which of the following is Andaman and Nicobar Islands' highest peak?	Mount Thuiller	Mount Koyale	Mount Diavolo	Saddle Peak	Choice 4	Saddle Peak or Saddle Hill is located on North Andaman Island in India's Andaman and Nicobar Islands. At 732 m,[1] it is the highest point of the archipelago in the Bay of Bengal.
27	Which of the following Indian river valleys was formed as a result of intense gully erosion?	Chambal	Brahmaputra	Damodar	Ganga	Choice 1	In the Chambal basin, such lands are called ravines. These bad land gullies are present in the lower course of the Chambal basin, therefore, Chambal river valley of India is under the influence of intensive gully erosion.
28	Which of the following states is home to the Gurudongmar Lake, which bears the name of the Guru Padmasambhava?	Uttarakhand	Sikkim	Tripura	Meghalaya	Choice 2	Located at 5,183 meters above sea level, very close to the Tibetan and Chinese border in Mangan district in Sikkim, Gurudongmar Lake is surrounded by natural beauty and legends.
29	In which year following independence did India conduct its first census?	1967	1987	1954	1951	Choice 4	The first Census of Independent India began on 9 February 1951 and enumeration continued till 28 February 1951. The country's population was counted as 36,10,88,090.
30	Which is the longest river in South India?	Godavari	Tungabhadra	Narmada	Krishna	Choice 1	Godavari is the longest river in South India. It is perhaps for this reason that it is called the South Ganges or the Dakshin Ganges. The river is also the fourth longest river in the country.
31	Which of the following geographical words best depicts a body of land surrounded by water on three sides?	Peninsula	Gulf	Strait	Island	Choice 1	A region bound by water on three sides is called a peninsula.
32	Which of the following passes crosses the Pir Panjal range and connects Manali and Leh by road?	Mana Pass	Niti Pass	Nathula Pass	Rohtang Pass	Choice 4	Rohtang Pass cuts through the Pir Panjal range and links Manali and Leh by road.
33	Kalgoorlie and Coolgardie, both gold mining towns, are situated in:	India	Australia	South Africa	New Zeland	Choice 2	Kalgoorlie and Coolgardie - places famous for gold mines are located in Australia. Coolgardie Goldfield still continues its long association with the gold industry.

MPSC 2023 GROUP B SET 4

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34	Who was the first to put forward the convectional current theory in geography?	Carl Ritter	Arnaldo Faustini	Arthur Holmes	Immanuel Kant	Choice 3	Convectional Current Theory was given by Arthur Holmes in the 1930s. It discussed the possibility of convection currents operating in the mantle portion. These currents are generated due to radioactive elements causing thermal differences in the mantle portion.
35	In which state Saffron is exclusively produced?	Jammu and Kashmir	Madhya Pradesh	Sikkim	Maharashtra	Choice 1	Saffron is a legendary crop of Jammu and Kashmir produced on well drained karewa soils of Kashmir and Kishtwar where ideal climatic conditions are available for good growth and flower production.
36	The headquarters of the International Astronomical Union (IAU) is situated in:	Geneva	Paris	Mexico City	New York	Choice 2	International Astronomical Union (IAU), senior body governing international professional astronomical activities worldwide, with headquarters in Paris.
37	What is the minimum age specified by the Indian Constitution for a candidate to be elected as India's Vice President?	21	25	35	45	Choice 3	In the case of the president, to be qualified to be elected as vice president, a person must: Be a citizen of India. Be at least 35 years of age. Not hold any office of profit.
38	In which year did Sikkim join the North Eastern Council?	1992	1996	2000	2002	Choice 4	Subsequent to the amendment of NEC Act in December, 2002 (Notified on 23rd June, 2003) Sikkim was added as 8th Member State, and NEC was mandated to function as a statutory Regional Planning Body for the North Eastern Region.
39	Which of the following Constitutional articles has the provision for a Finance Commission to resolve the revenue-sharing arrangement between the states and the Centre?	Article 260	Article 265	Article 270	Article 280	Choice 4	The Finance Commission is constituted by the President under article 280 of the Constitution, mainly to give its recommendations on distribution of tax revenues between the Union and the States and amongst the States themselves.
40	Who appoints the chairman of UPSC?	President	Prime Minister	Parliament	Cabinet	Choice 1	As per Art. 316, the Chairman and other members of Union Public Service Commission shall be appointed by the President.
41	How many sections are there in the Environment Protection Act of 1986?	25	26	27	28	Choice 2	It was enacted in May 1986 and came into force on 19 November 1986. It has 26 sections
42	Which of the following rights was restricted by the Preventive Detention Act?	Right to Equality	Right to Freedom	Right to Property	Education Right	Choice 2	Preventive detention is detention without trial in order to prevent a person from committing a crime. Preventive detention infringes the right to freedom of the person who has been detained under the preventive detention Act.
43	Which Article of the Indian Constitution contains certain provisions with regard to the state of Maharashtra?	Article 370	Article 371	Article 372	Article 373	Choice 2	Article 371 provides for the special provision with respect to the States of Maharashtra. Governors of the state are given special responsibilities to set up development boards in regions like Vidarbha, Marathwada, Kutchh.
44	Which Schedule of the Indian Constitution lists India's states and union territories?	First Schedule	Second Schedule	Third Schedule	Fourth Schedule	Choice 1	The list of states and union territories is mentioned in the first schedule of the Constitution of India.
45	How many tiers are there in the Indian Panchayati Raj system?	One-tier	Two-tier	Three-tier	Four-tier	Choice 3	There are three tiers in the Panchayati Raj structure. These 3 tiers are Gram Panchayat, Zila Parishad, and Panchayat Samiti.
46	How many positions in the Panchayati Raj system have been reserved for women at all levels?	1/3rd	1/4th	1/5th	1/6th	Choice 1	One-third of posts are reserved for women at all levels in the Panchayati Raj System in India.
47	Which of the article deals with the grants aided by the Union government to the states?	Article 275	Article 280	Article 285	Article 290	Choice 1	Article 275 of the Indian Constitution has provisions related to grants from the union government to certain states.

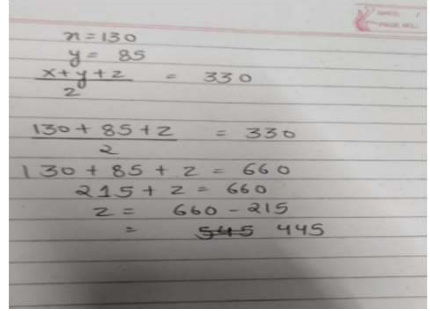
MPSC 2023 GROUP B SET 4

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48	Which of the following articles deals with the election of the Vice-president?	Article 62	Article 64	Article 66	Article 68	Choice 3	Article 66 deals with the election of the Vice-President. He is elected by an electoral college consisting of all the elected members of both houses of the Parliament and holds office for a term of 5 years.
49	In which year did the UN General Assembly establish the Commission on Sustainable Development (CSD)?	1990	1988	1992	1995	Choice 3	The United Nations Commission on Sustainable Development (CSD) was established by the UN General Assembly in December 1992 to ensure effective follow-up of United Nations Conference on Environment and Development (UNCED), also known as the Earth Summit.
50	Social, economic and ecological equity are the necessary requirements for achieving	Social development	Economical development	Sustainable development	Ecological development	Choice 3	Development that meets the needs of the present without compromising the ability of future generations to meet their own needs is called sustainable development. Social, economic and ecological equity is the necessary condition for achieving sustainable development.
51	The maximum number of people that a certain environment can sustain is referred to as	Carrying capacity	Environmental resistance	Population size	Biotic potential	Choice 1	Carrying capacity is the maximum population that a given area can sustain. The measures commonly used include the number of individuals or the total biomass of a population, which are each highly dependent on differences in physiology and age structure among species and across large taxonomic groups.
52	Mineral and metal extraction from the earth is called:	Transportation	Agriculture	Mining	Sustainable development	Choice 3	The method of extracting metals and minerals from rocks buried under the Earth's surface is called mining.
53	The full form of MPCE is:	Minimum per capita expenditure	Monthly per capita expenditure	Maximum per capita expenditure	None of these	Choice 2	Monthly Per-capita Consumer Expenditure (MPCE) is one of the important indicators of economic level of a family.
54	In which year did India's National Food for Work Programme start?	2007	2004	2010	2009	Choice 2	The 'National Food for Work Programme' was launched in India in the year 2004. It was launched in 150 backward districts of India on 14 November 2004. Its objective was to generate supplementary wage employment.
55	The United Nations has established a total of how many Sustainable Development Goals (SDGs)?	17	14	20	18	Choice 1	The Sustainable Development Goals are a universal call to action to end poverty, protect the planet and improve the lives and prospects of everyone, everywhere. The 17 Goals were adopted by all UN Member States in 2015, as part of the 2030 Agenda for Sustainable Development which set out a 15-year plan to achieve the Goals.
56	The Un-Conference for Environmental Sustainability is often recognized by the United Nations World Summit was held on-	Rio de Janeiro, 2010	Rio de Janeiro, 2011	Rio de Janeiro, 2012	Rio de Janeiro, 2013	Choice 3	The United Nations Conference on Environmental Sustainability took place in Rio de Janeiro, Brazil on 20-22 June 2012. It resulted in a focused political outcome document which contains clear and practical measures for implementing sustainable development.
57	The theme of Financial Literacy Week 2022 is:	Credit Discipline and Credit from Formal Institutions	Go Digital, Go Secure	Micro, Small and Medium Enterprises	None of these	Choice 2	Financial Literacy Week is being observed from February 14-18, 2022 on the theme "Go Digital, Go Secure".
58	Which ministry is responsible for the report on India's national and per capita income?	Ministry of Home Affairs	Ministry of Planning	Ministry of Human Resource Development	Ministry of Statistics and Programme Implementation	Choice 4	The Ministry of Statistics and Programme Implementation (MoSPI) is a ministry of the Government of India concerned with coverage and quality aspects of statistics released. Ministry of Statistics and Programme Implementation published the report on National and per Capita Income.

MPSC 2023 GROUP B SET 4

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59	ASEAN stands for:	Association of South East Agro Nations.	Alliance of South East Asian Neighbors.	Association of South East Asian Nations.	Alliance of South Eastern African Nations	Choice 3	The Association of Southeast Asian Nations is a regional organization that brings together disparate neighbors to address economic and security issues, but the group's impact remains limited.
60	Income inequalities are often shown on a	Production possibility curve	Sen curve	Marginal inequality curve	Lorenz curve	Choice 4	The "Lorenz curve" is a common graphical method of representing the degree of income inequality in a country [9]. It plots the cumulative share of income (y axis) earned by the poorest x% of the population, for all possible values of x (see the Illustration for a practical example).
61	What is the reproductive part of a flowering plant?	Stamen	Pistil	Anther	Pollen	Choice 1	Both can be correct: As a plant's reproductive part, a flower contains a stamen (male flower part) or pistil (female flower part), or both, plus accessory parts such as sepals, petals, and nectar glands (Figure 19). The stamen is the male reproductive organ. It consists of a pollen sac (anther) and a long supporting filament.
62	What is the process by which plants grow towards a light source?	Geotropism	Hydrotropism	Thigmotropism	Phototropism	Choice 4	One important light response in plants is phototropism, which involves growth toward—or away from—a light source. Positive phototropism is growth towards a light source; negative phototropism is growth away from light.
63	Which phylum do insects belong to?	Mollusca	Chordata	Annelida	Arthropoda	Choice 4	The phylum Arthropoda contains a wide diversity of animals with hard exoskeletons and jointed appendages. Many familiar species belong to the phylum Arthropoda—insects, spiders, scorpions, centipedes, and millipedes on land; crabs, crayfish, shrimp, lobsters, and barnacles in water
64	Which organ is responsible for producing insulin in humans?	Lungs	Liver	Kidneys	Pancreas	Choice 4	Insulin is an essential hormone produced by the pancreas. Its main role is to control glucose levels in our bodies
65	What is the process to maintain a relatively stable internal environment?	Adaptation	Evolution	Metabolism	Homeostasis	Choice 4	Homeostasis is the maintenance of a stable internal environment. Homeostasis is a term coined to describe the physical and chemical parameters that an organism must maintain to allow the proper functioning of its component cells, tissues, organs, and organ systems.
66	What is the term for the process of eliminating all forms of microbial life?	Disinfection	Sanitization	Decontamination	Sterilization	Choice 4	Sterilization describes a process that destroys or eliminates all forms of microbial life and is carried out in health-care facilities by physical or chemical methods.
67	What is the recommended way to cover your mouth and nose when coughing or sneezing?	Use your hands	Don't cover your mouth and nose	Use a mask only	Use a tissue	Choice 4	Cover your mouth and nose with a tissue when you cough or sneeze. Throw used tissues in the trash. If you don't have a tissue, cough or sneeze into your elbow, not your hands.
68	What is the recommended method to properly clean and sanitize hands when soap and water are not available?	Use a hairdryer	Rinse hands with water only	Rub hands with a cloth	Use hand sanitizer with at least 60% alcohol	Choice 4	Alcohol-based hand sanitizers (at least 60% of alcohol) can effectively kill the germs. You should follow proper steps to sanitize your hands, including: Take an appropriate amount of sanitizer in your hand and rub your hands together.
69	What is the chemical symbol for potassium?	Ko	Ka	P	K	Choice 4	Potassium is a chemical element with symbol K and atomic number 19.


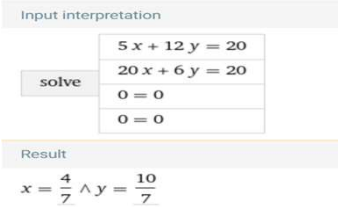
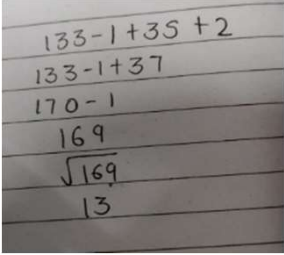
MPSC 2023 GROUP B SET 4

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70	Which animal among these is known for its ability to change color?	Dolphin	Eagle	Cheetah	Chameleon	Choice 4	In chameleons, colour change occurs due to the movement of pigments within chromatophores, whereas in cephalopods, colour change occurs due to muscle-controlled "chromatophore organs" changing the shape of pigment sacs.
71	What is the phenomenon in quantum mechanics where particles can be in multiple states or locations at once called?	Wave-particle Duality	Quantum Tunneling	Entanglement	Superposition	Choice 4	There's phenomenon called quantum superposition. This principle of quantum mechanics suggests that particles can exist in two separate locations at once.
72	Which among these metal is stored under oil to prevent from reacting?	Argon	Aluminium	Copper	Potassium	Choice 4	Potassium are very reactive. They vigorously react with oxygen and water vapour of the air to produce oxides and hydroxides. Hence, potassium stored under oil.
73	Which phylum includes organisms with radial symmetry and stinging cells?	Platyhelminthes	Echinodermata	Mollusca	Cnidaria	Choice 4	The body plans cnidarians generally have radial symmetry. Because the tentacles of corals, jellyfish, and sea anemones have this radial structure, they can sting and capture food coming from any direction.
74	What is the value of: 80% OF 1880	1504	1204	1304	1860	Choice 1	<p>Solution for What is 80 percent of 1880:</p> $80 \text{ percent} * 1880 =$ $(80:100) * 1880 =$ $(80 * 1880) : 100 =$ $150400 : 100 = 1504$ <p>Now we have: 80 percent of 1880 = 1504</p>
75	$x = 130$ $y = 85$ $(x+y+z) / 2 = 330$ What is the value of the largest number?	130	445	675	875	Choice 2	 <p> $x = 130$ $y = 85$ $\frac{x+y+z}{2} = 330$ $130 + 85 + z = 660$ $215 + z = 660$ $z = 660 - 215$ $z = 445$ </p>

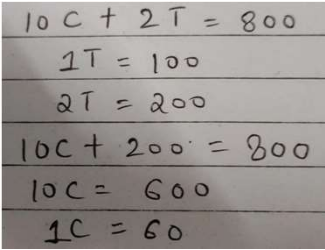
MPSC 2023 GROUP B SET 4

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76	The average speed of a bus is 110 miles per hour. The total time is 8 hours, Find the distance	790	840	880	820	Choice 3	<p>$v = 110 \text{ mi/h}$ $t = 8 \text{ h}$</p> <p>b. Plug-in values $110 \text{ mi/h} = \frac{x}{8 \text{ h}}$</p> <p>c. Multiply all terms by the same value to eliminate fraction denominators $8 \text{ h} \cdot 110 \text{ mi/h} = 8 \text{ h} \cdot \frac{x}{8 \text{ h}}$</p> <p>d. Cancel multiplied terms that are in the denominator $8 \text{ h} \cdot 110 \text{ mi/h} = x$</p> <p>e. Multiply the numbers $880 \text{ mi} = x$</p> <p>f. Move the variable to the left $x = 880 \text{ mi}$</p>
77	Find the area of an equilateral triangle, if side = 10cm	43.3 cm ²	42.8 cm ²	41.4 cm ²	39.8 cm ²	Choice 1	<p>$A \approx 43.3 \text{ cm}^2$</p> <p>$a$ Side <input type="text" value="10"/> cm</p>
78	Find the missing number in the following series $X + 3 * 2 - 5 \div 8 * 16 = 0$	4	3	2	-3	Choice 1	<p>$4 + (3 * 2) - ((5 / 8) * 16) =$ 0</p>

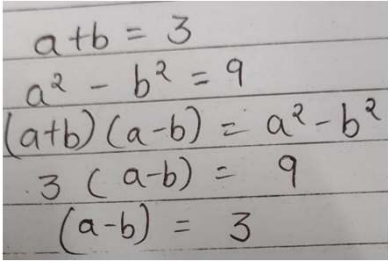
MPSC 2023 GROUP B SET 4

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79	What percent of 5 is 11?	220	110	250	80	Choice 1	
80	The daily wage of a worker is ₹1100. What will be his earning for a week?	7700	7650	7780	7750	Choice 1	1100*7=7700
81	Find the value of y: $5x+12y=20$ $20x+6y=20$	10/7.0	4/7.0	5/4.0	12/7.0	Choice 1	
82	$12 - 4 + 11 \times 3 \div 6 = ?$	9.5	8	4	6	Bonus	
83	What is the square root of (133-1+35+2)	13	12	14	15	Choice 1	

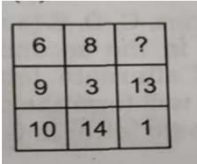
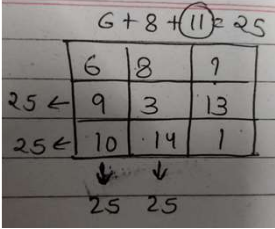
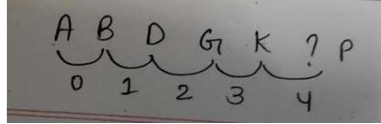
MPSC 2023 GROUP B SET 4

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84	LCM of 36 and 45	170	160	180	150	Choice 3	<p>180</p> <p>LCM of 36 and 45 is 180.</p>
85	HCF OF 16 and 24	12	6	8	3	Choice 3	<p>The HCF of 16 and 24 is 8.</p>
86	The price of 10 chairs and 2 tables is 800 rupees. The price of one table is 100. What is the price of one chair?	60	50	80	90	Choice 1	 <p> $10C + 2T = 800$ $1T = 100$ $2T = 200$ $10C + 200 = 800$ $10C = 600$ $1C = 60$ </p>

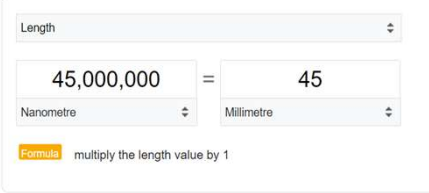
MPSC 2023 GROUP B SET 4

Question No.	Question	Choice 1	Choice 2	Choice 3	Choice 4	Correct choice	Explanation
87	$a+b=3$ $a^2-b^2=9$ $a-b=?$	3	-3	6	4	Choice 1	
88	Economic growth can be measured by	CPI	GDP	CBI	MPC	Choice 2	The size of an economy is typically measured by the total production of goods and services in the economy, which is called gross domestic product (GDP).
89	According to W.W. Rostow, there are how many stages of economic growth:	Two	Five	Six	Three	Choice 2	Rostow penned his classic Stages of Economic Growth in 1960, which presented five steps through which all countries must pass to become developed: 1) traditional society, 2) preconditions to take-off, 3) take-off, 4) drive to maturity and 5) age of high mass consumption.
90	The full form of OPEC is	Organization of Problematic Economies Committee.	Oil Producing Economies Caucus.	Organization of Pre-European Commission.	Organization of Petroleum Exporting Country.	Choice 4	The Organization of the Petroleum Exporting Countries (OPEC) is a permanent, intergovernmental Organization, created at the Baghdad Conference on September 10–14, 1960, by Iran, Iraq, Kuwait, Saudi Arabia and Venezuela.
91	The 'big-push' development strategy was first proposed by:	Simon Kuznets	Paul N-Rosenstein-Rodan	W.A Lewis	A.O.Hirshman	Choice 2	The theory of 'big push' first put forward by P.N. Rosenstein-Rodan is actually a stringent variant of the theory of 'balanced growth'. The crux of this theory is that the obstacles of development are formidable and pervasive. The development process by its very nature is not a smooth and uninterrupted process.
92	If Kamal says Ravi's mother is the only daughter of my mother How is Kamal related to Ravi?	Maternal uncle	Brother	Father	Data inadequate	Choice 1	Only daughter of Kamal's mother---Kamal's sister. So, Ravi's mother is Kamal's sister or Kamal is the brother of Ravi's mother i.e., Ravi's maternal uncle.
93	Ravi is 7 ranks ahead of Sumit in a class of 39 if Sumit's rank is 17th from the last. What is Ravi's rank from the start?	14th	15th	16th	17th	Choice 3	Sumit is 17 th from the last and Ravi is 7 ranks ahead of sumit. So, Ravi is 24th from the last. Number of students ahead of Ravi in rank = $(39 - 24) = 15$. So, Ravi is 16th from the start.

MPSC 2023 GROUP B SET 4

Question No.	Question	Choice 1	Choice 2	Choice 3	Choice 4	Correct choice	Explanation
94	5 1 4 7 3 9 8 5 7 2 6 3 1 5 8 6 3 8 5 2 2 4 3 4 9 6 How many odd numbers are there which are immediately followed by odd number?	More than 4	2	4	3	Choice 1	Counting the number of odd numbers followed by an odd number: 5 is followed by 1 7 is followed by 3 9 is followed by 5 5 is followed by 7 3 is followed by 9 7 is followed by 3 Therefore, there are 6 odd numbers in the sequence that are followed by an odd number.
95	Find the missing number. 	11	9	7	5	Choice 1	
96	How many 6 will you encounter between 1 to 70?	17	18	19	20	Choice 1	There are a total of 6 times digit 6 appear as unit digit viz. 06, 16, 26, 36, 46, 56, There are a total of 9 times digit 6 appear as tens digit viz. 60, 61, 62, 63, 64, 65, 67, 68, 69 There are a total of 2 times digit 6 appear in tens digit and as well in unit digit viz. 66 ∴ a total of 17 times digit 6 appear between 1 to 70.
97	If Ram weighs 120 KG on earth. What will be his weight on moon?	20N	180N	240N	40N	Choice 1	A mass of 1kg on earth weighs (1/6) kg on moon $120/6=20$
98	A, B, D, G, K. Which letter comes next in the sequence?	P	K	N	O	Choice 1	

MPSC 2023 GROUP B SET 4

Question No.	Question	Choice 1	Choice 2	Choice 3	Choice 4	Correct choice	Explanation
99	Palindrome is a word which reads same as forward as forwards. "Senile Felines" is a palindrome?	TRUE	FALSE			Bonus	
100	5,000,000 nanometers (nm) is to 5 millimeters (mm) as 45,000,000 nm is to?	0.45	0.045	450	45	Choice 4	 <p>The screenshot shows a unit conversion interface. At the top, there is a dropdown menu labeled 'Length'. Below it, a text input field contains '45,000,000', followed by an equals sign, and another text input field contains '45'. Below these fields are two dropdown menus: 'Nanometre' on the left and 'Millimetre' on the right. At the bottom, there is a 'Formula' section with a small orange icon and the text 'multiply the length value by 1'.</p>