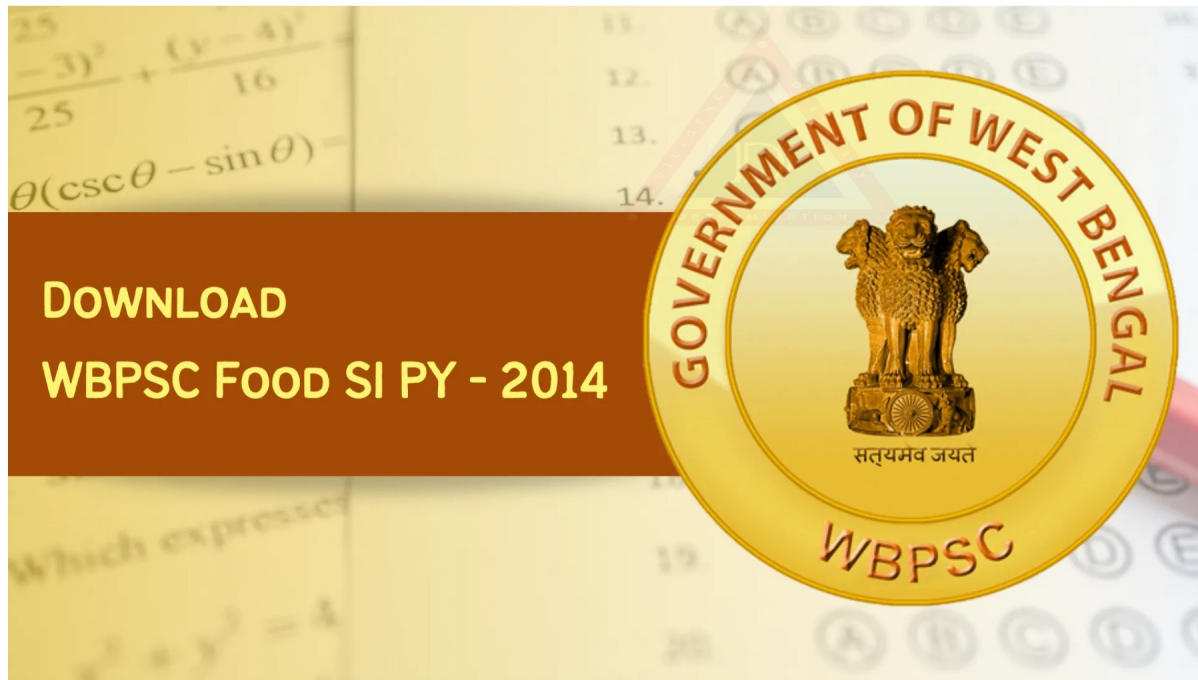




Welcome to our extensive blog on 'WBPSA Food SI Previous Year Paper 2014 Solutions.' Recognizing the significance of a well-rounded study plan for your West Bengal Public Service Commission (WBPSA) Food Sub-Inspector exam, we're delighted to provide you with comprehensive solutions to the WBPSA Food SI Previous Year Question Paper from 2014. Our aim is to equip you with the knowledge and confidence necessary for success by diving into the intricate details of this paper.

By analyzing these solutions, you'll not only gain valuable insights into the question types typically encountered in the WBPSA Food SI exam but also understand the level of complexity you can anticipate. Our primary goal is to facilitate your exam preparation journey, helping you unlock a deeper understanding of the exam pattern and refine your strategy to enhance your problem-solving skills.

If you haven't attempted the **WBPSA Food SI Previous Year Paper 2014** yet, click on the embedded link to try it first. So, without further delay, let's delve into the solutions for the 'WBPSA Food SI Previous Year Paper 2014'.



[Source: The Dhronas]

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



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- The non metal that conducts heat and electricity is graphite.
- Graphite is an allotrope of carbon.
- It is the only non-metal that conducts heat and electricity.
- The conduction is possible due to it's molecular structure that allows electrons to move freely.

Q:2 The correct answer is **option 1** i.e. **Plasma**

- Plasma is the fourth state of matter.
- It is an ionized gas which approximately contains equal number of positive and negative charged particles.
- Plasma was first discovered in 1879 by William Crookes.

Q:3 The correct answer is **option 4** i.e. **high pressure lowers the boiling point of water**

- Pressure cooker cooks rice faster because the high pressure inside the cooker lowers the boiling point of water.
- More the pressure, lesser will be the boiling point.

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

- The best source of protein is fish.
- Each and every cell of human body contains proteins and proteins are building blocks of life.
- Other rich sources of proteins are milk, pistachios, egg, soya etc

Q:5 The correct answer is **option 4** i.e. **Defence Research and Development Organisation**

- DRDO stands for defence research and development organisation.
- It is a research and development wing of military of the ministry of Defence.
- It was founded in 1958.
- The headquarters of DRDO are in New Delhi.

Q:6 The correct answer is **option 3** i.e. **Farid Khan**

- The earlier name of Sher Shah was Farid Khan.
- He was one of the great administrators of the medieval India.
- He started the Suri dynasty in 1540 by defeating Humayun.
- He was considered a very kind ruler, as he never discriminated between any rich and poor.

Q:7 The correct answer is **option 4** i.e. **Mario Puzo**

- The author of the novel 'Godfather' is Mario Puzo.
- Godfather is a crime novel.
- It was published in 1969 by GP Putnam's Sons.
- The novel covers the years 1945 to 1955.

Q:8 The correct answer is **option 4** i.e. **Arthshastra**



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- Kautilya was also identified as Chanakya or VishnuGupta.
- Kautilya wrote the book named Arthshastra.
- It is an Indian Sanskrit book based on statecraft, political science, and Economic policy.

Q:9 The correct answer is **option 1** i.e. **coromandal coast**

- Due to the retreating monsoon, the rainfall occurs in the Coromandel coast.
- Retreating monsoon is also known as North East monsoon.
- It is a phenomenon caused by the retreat of the Southwest monsoon winds towards the south.

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

- Ozone performs the essential task of filtering out most of the sun's biologically harmful UV radiations.
- It is present in the stratosphere layer of atmosphere.
- It absorbs the portion of UV light called UVB rays.

Q:11 The correct answer is **option 1** i.e. **Aurangzeb**

- Jobchurnak was English founder of the city of Calcutta.
- He arrived in India in 1690.
- In March 1690, a company got permission to re-establish factory in Bengal by Mughal Empire Aurangzeb.

Q:12 The correct answer is **option 2** i.e. **Giant Panda**

- WWF stands for World Wildlife Fund.
- The logo of WWF is giant panda.
- The logo represents the commitment to protect wildlife and wild space by WWF.

Q:13 The correct answer is **option 1** i.e. **Roger Binny**

- Roger Binny is appointed as the interim President of BCCI recently.
- The term of interim President of BCCI is 3 years.
- The President of BCCI is appointed by full members of the BCCI.

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

- During the Neap tide, the high tide is lower and the low tide is higher than at normal time.
- Neap tide occurs on the New moon instead of the full moon.
- It happens when sun and moon are at 90° to Earth.
- It occurs 7 days after spring tide.

Q:15 The correct answer is **option 2** i.e. **Constant speed**

- When an object travels in circular motion in a consistent manner, it covers equal distance at all time as circle has equal radius in all directions.
- Velocity changes but the speed remains constant when an object moves in circular direction.



Q:16 The correct answer is **option 3** i.e. **Sea water**

- Seawater is the most impure form of natural water.
- All the impurities from the river water goes into sea which makes it salty and impure.
- Around 1l of sea water contains 26 gram of dissolved salts.

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

- Sirimavo was selected as first prime minister on July 21st 1960.
- She was first prime minister of the world (from Sri Lanka).
- She served three terms 1960-1965, 1970-1977, 1994-2000.
- She address the 26th session of the United Nation General Assembly in 1971.

Q:18 The correct answer is **option 2** i.e. **Athens**

- Socrates was a Greek philosopher.
- He was the founder of western philosophy.
- He is also credited with first moral philosophy of the Western ethical tradition of thought.

Q:19 The correct answer is **option 1** i.e. **kanchenjunga**

- Kanchenjunga is the highest peak of India.
- It is the third highest peak in the world.
- It stands at the height of 8586 m.
- The meaning of kanchenjunga- 'The five treasures of snows'.

Q:20 The correct answer is **option 3** i.e. **rain and thunder**

- Indra was the god of rain and thunder.
- Indra was considered as protector of cows and priests in vedic religion.
- He is worshiped at power with Brahma and Rudra.

Q:21 The correct answer is **option 3** i.e. **organism and environment**

- Ecology is the study of interaction of organism (plant animals and man)with its environment (biotic and abiotic components).
- Abiotic factors of the environment includes soil, water, and temperature etc.

Q:22 The correct answer is **option 2** i.e. **Study of birds**

- Orinthology is the branch of zoology that studies about the birds.
- Orinthology is derived from Greek words 'ornis' means 'birds,' while 'logos' means 'theory'.
- It deals with the shape, appearance, migration pattern etc of the birds.

Q:23 The correct answer is **option 2** i.e. **Photo synthesis**



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- The process of conversion of electromagnetic energy to chemical energy in chlorophyll containing cells of photosynthetic organism is called photosynthesis.
- Photosynthesis takes place in the chloroplast organelle of Eukaryotic cells.
- Chlorophyll is the pigment that absorbs sunlight in the chloroplast.
- Photosynthesis helps to create food for plant.

Q:24 The correct answer is **option 1** i.e. **Thane, Maharashtra**

- Thane district of Maharashtra was reported to have the highest population in any district all over India.
- While Dibang Valley was reported to have the least population among all districts in India.
- Kurung Kumey of Arunachal Pradesh had highest population growth rate of 111.01%.

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

- Mynmar is not a member of SAARC.
- SAARC stands for South Asian Association for Regional Cooperation.
- Members of SAARC are Afghanistan, Bangladesh, Bhutan, India, Pakistan, SriLanka, and the Maldives.

Q:26 The correct answer is **option 1** i.e. Monarchy

- He says that some people rule over those who are empire officials.
- It is a political territory owned by a single king or some chiefdom (such as the Rajput kingdom).
- Empires may last for short periods of time, but more often they last for decades or centuries, from generation to generation.

Q:27 The correct answer is **option 1** i.e. Darjeeling

- The Himalayan Mountaineering Institute (HMI Darjeeling) was established in Darjeeling, India on 4 November 1954 to promote mountaineering as an organized sport in India.
- It was the result of the excitement of Tensing Norke and Edmund Hillary Cleary climbing Mount Everest in 1983. It was built at a height of about 2100 meters (6900 feet) in the Darjeeling area due to the efforts of the first Prime Minister of India, Shri Jawaharlal Nehru. Tenzing Norke became its first president.

Q:28 The correct answer is **option 1** i.e. 4

- If the velocity is doubled, the momentum increases 2 times and the kinetic energy increases 4 times.
- Kinetic energy is the additional energy of a body which is due to its linear velocity or angular velocity or both.
- Its value is equal to the work done in accelerating the body from rest to that velocity.
- Kinetic energy appears when an object is in motion. Energy is applied to an object to make it move.
- The kinetic energy of an object depends on the mass and speed of the object.

Q:29 The correct answer is **option 1** i.e. chlorofluorocarbon (CFC)



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- Chloro fluoro carbon gases are the main culprit for farmers depleting the ozone layer.
- Apart from this, chemical substances like halogen, ethyl chloro form, carbon tetrachloride etc. are also contributing in destroying ozone.
- We mainly use chlorofluorocarbon gas in our daily luxuries, which include air conditioners, strength, phones, colors, plastics etc.

Q:30 The correct answer is **option 1** i.e. Anil Kumble

- Anil Kumble is an Indian cricket player. He is the first player in the world after Jim Laker to take 10 wickets in an innings in Test cricket.
- Kumble made his international debut in April 1990 in an ODI against Sri Lanka.
- Played his first test match against England in the same year.
- Anil Kumble remains the most successful bowler of Team India by taking 619 wickets in 236 innings of 132 Test matches.
- He also has the distinction of taking 337 wickets in 265 innings of 271 ODI matches.
- Kumble made his international debut in April 1990 in an ODI against Sri Lanka. Played his first test match against England in the same year.
- Anil Kumble was also the captain of the Indian cricket team for 1 year from November 2007.

Q:31 The correct answer is **option 1** i.e. Bagmati

- Kathmandu is the capital of Nepal and is situated on the banks of the Bagmati River.
- The Bagmati River flows through the Kathmandu Valley of Nepal, separating the cities of Kathmandu and Patan, flows through the Madesh province of southern Nepal and joins the Kamala River in the Indian state of Bihar.
- Bagmati is a very important river of Nepal and India.
- Pashupatinath Temple, the most sacred pilgrimage site of Nepal, is also situated on the banks of Bagmati River.

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

- The yellow color of urine is due to the presence of the pigment urochrome, which is the denatured product of hemoglobin from RBCs.
- This pigment is also known as urobilin. The presence of this pigment is determined by the amount of water in the body. Our body normally consists of 70% water of body mass.
- Normal urine color ranges from light yellow to dark amber – a result of the pigment in the urine called urochrome and how dilute or concentrated the urine is. Pigments and other compounds in some foods and medications can color your urine.
- Beets, blackberries and fava beans are among the foods that affect complexion.

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



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- Jaundice is the yellowing of the skin, mucous membranes and whites of the eyes. Jaundice is caused by excess of bilirubin in the blood.
- Jaundice is a disease that occurs due to excessive amount of bilirubin in the body.
- Bilirubin is produced in the body's tissues and blood. Generally, when red blood cells break due to some reason, yellow colored bilirubin is formed.
- Bilirubin comes out of the body after being filtered by the liver, but when due to some reasons it does not go from the blood to the liver or is not filtered by the liver, then its quantity increases in the body, which causes jaundice (Piliya in Hindi).

Q:34 The correct answer is **option 1** i.e. Nepal, Bhutan, China, Pakistan

India shares its land borders with seven countries. Pakistan and Afghanistan in the northwest, China, Nepal, and Bhutan in the North and Myanmar and Bangladesh in the east. Towards the south, India has two neighbouring island countries - Sri Lanka and Maldives.

Q:35 The correct answer is **option 1** i.e. **As it seems at first sight**

- As it seems at first sight: - A prima facie case means that there is enough evidence to support a claim or accusation at first sight.
- This means that the evidence presented is enough to establish a fact, but it is not conclusive.
- Prima facie may be used as an adjective meaning 'sufficient to establish a fact or raise a presumption unless disproved or rebutted.'

Q:36 The correct answer is **option 1** i.e. **Literature and Journalism**

- Pulitzer Prize, any of a series of annual prizes awarded by Columbia University, New York City, for outstanding public service and achievement in American journalism, letters, and music.
- The prizes, originally endowed with a gift of \$500,000 from the newspaper magnate Joseph Pulitzer, are highly esteemed and have been awarded each May since 1917.
- The awards are made by Columbia University on the recommendation of the Pulitzer Prize Board, composed of judges appointed by the university.
- The prizes have varied in number and category over the years but currently number 14 prizes in the field of journalism, 6 prizes in letters, and 1 prize in music.

Q:37 The correct answer is **option 1** i.e. **Baba Alauddin Khan**



- The Eminent Sitar-player Pandit Rabisankar was the disciple of Baba Alauddin Khan.
- Allauddin Khan totally reshaped Indian classical music's Maihar Gharana.
- He was also known as Baba Allauddin Khan.
- He was born in Shibpur village in Brahmanbaria (in present-day Bangladesh) in 1862.
- He was an Indian sarod player.
- **Q:38** The correct answer is **option 1** i.e. **Distance**
- Light year: The distance travelled by light in one year is called a light-year. It is the unit of astronomical distance. 1 light-year = 9.461 trillion kilometres which is a very large distance.

Q:39 The correct answer is **option 1** i.e.

Q:40 The correct answer is **option 1** i.e.

- The right to property is not a Fundamental Right but it is a constitutional right. In the original Constitution, the right to property was listed as a fundamental right.

Fundamental Right:

- The Fundamental Rights are defined as basic human freedoms where every Indian citizen has the right to enjoy for a proper and harmonious development of personality and life.
- These rights apply universally to all citizens of India, irrespective of their race, place of birth, religion, caste or gender.

Q:41 The correct answer is **option 1** i.e. **Santhali**

Santhali language has a maximum number of speakers with around 7 million+ speakers.

Q:42 The correct answer is **option 1** i.e. Rithik Ghatak

- Early life and education. Mahasweta Devi was born in a Brahmin family on 14 Jan 1926 in Dacca, British India (now Dhaka, Bangladesh).
- Her father, Manish Ghatak, was a poet and novelist of the Kallol movement, who used the pseudonym Jubanashwa.
- Ghatak's brother was filmmaker Ritwik Ghatak.

Q:43 The correct answer is **option 1** i.e. Michael Faraday



- Faraday created the first transformer in August 1831.
- A few months later he designed and made this simple piece of apparatus based on his ring, developing the first-ever electric generator.
- This apparatus consists of a tube of neutral material wound with a coil of wire, insulated in cotton, and a bar magnet.
- Ten years after Faraday created the electric motor he returned to his electrical research and discovered electromagnetic induction in August 1831.
- A few months later he successfully conducted an experiment using this apparatus and demonstrated the relationship between magnetism and motion.

Q:44 The correct answer is **option 1** i.e.

- Kanyakumari is also located south of the Tropic of Cancer, which is in the Northern Hemisphere. In conclusion, Kanyakumari is located in the southernmost point of the Indian peninsula, but it is situated north of the Equator.

Q:45 The correct answer is **option 1** i.e. **Solution of liquid in gas**

- Smoke is a colloidal solution of suspended dust particles in the air. So, in the smoke dispersed phase is solid dust particles, and the dispersed medium is air which is a mixture of gases.
- Hence, Smoke is a solid aerosol-type colloid consisting of the solid dispersed phase in the gaseous dispersed medium.

Q:46 The correct answer is **option 1** i.e. **Akbar**

- Birbal was appointed by Akbar as a Minister and used to be a Poet and Singer in around 1556–1562. He had a close association with Emperor Akbar and was one of his most important courtiers, part of a group called the navaratnas (nine jewels).

Q:47 The correct answer is **option 1** i.e. Super saturated

- On adding more solvent to a saturated solution it becomes unsaturated. Because this allows more solutes to dissolve in the solution and makes the solution unsaturated.

Q:48 The correct answer is **option 1** i.e.

- The Godavari is India's second longest river after the Ganga river and drains into the third largest basin in India, covering about 10% of India's total geographical area.
- Its source is in Trimbakeshwar, Nashik, Maharashtra.
- It flows east for 1,465 kilometres (910 mi), draining the states of Maharashtra (48.6%), Telangana (18.8%), Andhra Pradesh (4.5%), Chhattisgarh (10.9%) and Odisha (5.7%). The river ultimately empties into the Bay of Bengal through an extensive network of distributaries. Measuring up to 312,812 km² (120,777 sq mi), it forms one of the largest river basins in the Indian subcontinent, with only the Ganga and Indus rivers having a larger drainage basin.
- In terms of length, catchment area and discharge, the Godavari is the largest in peninsular India, and had been dubbed as the Dakshina Ganga (Southern Ganges).

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

- Dhananjaya Y. Chandrachud has been appointed as the new Chief Justice of India on 9th November 2022. Justice Chandrachud is the 50th CJI and has taken over the
- The Supreme Court of India comprises the Chief Justice and 33 other Judges appointed by the President of India.
- Supreme Court Judges retire upon attaining the age of 65 years.
- In order to be appointed as a Judge of the Supreme Court, a person must be a citizen of India and must have been, for at least five years, a Judge of a High Court or of two or more such Courts in succession, or an Advocate of a High Court or of two or more such Courts in succession for at least 10 years or he must be, in the opinion of the President, a distinguished jurist.
- Provisions exist for the appointment of a Judge of a High Court as an Ad-hoc Judge of the Supreme Court and for retired Judges of the Supreme Court or High Courts to sit and act as Judges of that Court.

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

Q:51 The correct answer is **option 1** i.e. **increases**

- When heat is given to any solid then, its temperature increases.
- When a solid is heated or is given higher temperature, it expands.
- When a solid is melted then, the heat given to solid is used in the changing of state from solid to liquid, that is why the temperature does not change while melting.

Q:52 The correct answer is **option 2** i.e. **steam distillation**

- Essential oils are purified by the method of steam distillation.
- Steam distillation is a method that tends to separate the organic compounds which decompose at high temperature.

Q:53 The correct answer is **option 1** i.e. **Nitrogen**

- The major constituent of air is Nitrogen.
- Air consists of around 78% of Nitrogen.
- The atomic number of nitrogen is 7.

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

- FIFA World Cup 2024 will be held in Uzbekistan.
- It will 20th edition of FIFA club World Cup.
- FIFA 2025 will be held in The United States of America.

Q:55 The correct answer is **option 1** i.e. **Apiculture- honeybee**



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- Apiculture is a scientific method of rearing of honey bees.
- It has an important significance as there are several products that come from bees.
- The wax, honey, and royal jelly comes from the bees.
- Several bees products like propolis are used for medical purposes.

Q:56 The correct answer is **option 1** i.e. **fourth in 400 m race**

- Milkha Singh achieved 4th place in 400 m race in 1960 Olympics that happened in Rome.
- He was also known as the flying sikh.
- He missed the metal by a mere of 0.1 second.

Q:57 The correct answer is **option 2** i.e. **1941**

- Bose escaped from his home in Calcutta on 17 January 1941.
- He managed to dodge the British surveillance and went to Bihar state.

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

- Usain Bolt hails from Jamaica.
- He won his first gold medal in the hundred metres race in Beijing, 2008.

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

- Marginal ration shops are oftenly called fair price shop.
- These are authorised by the government of India.
- It is a place where dealers and distributors sell their groceries to public at a subsidized price.

Q:60 The correct answer is **option 2** i.e. **Uttar 24 Parganas**

- Uttar 24 parganas is the district of West Bengal that has the highest literacy rate.
- Amdanga is an administrative block in Uttar 24 parganas which has the maximum density of highest literate people.
- As per 2011 census the population of Amdanga was 1,91,673.
- The literacy rate was 80.69%.

Q:61 The correct answer is **option 2** i.e. **Microsoft**

- Microsoft announced that it will acquire Nokia's mobile device business.
- It was a deal totalling over 5.4 billion euros.
- The Lumia 730/830/930 were last window mobile devices manufactured by Nokia brand.

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

- The meaning of embezzle is to steal or Misappropriate.



Q:63 The correct answer is **option 1** i.e. **Chief of Defence forces**

- The current Chief of Defence forces is General Anil Chauhan.
- The CDS is the highest ranking uniformed officer in the Indian military.
- He was appointed on 30 September 2022 after the demise of former CDS general Bipin Rawat.

Q:64 The correct answer is **option 4** i.e. **A.R.Rehman**

- The first Indian to receive an oscar for music direction is a A.R.Rahman.
- He won Oscar for the song 'Jai Ho'.

Q:65 The correct answer is **option 4** i.e. **Maharashtra**

- The world famous Ajanta caves are located in Aurangabad district of Maharashtra.
- Ajanta caves are 29 rock-cut Buddhist monuments.
- These are UNESCO World Heritage site.
- It dates back from 2nd century BCE to 480 CE.

Q:66 The correct answer is **option 2** i.e. **Caffeine**

- Caffeine is the main active component of Tea and Coffee.
- It's stimulates the Central Nervous System, Heart and the centres that control the blood pressure.
- It can increase the urine flow.

Q:67 The correct answer is **option 3** i.e. **90°**

- When two single plane mirrors are put at 90° to each other they create three images of a single object.
- Phenomena of formation of image by a plane mirror is called the reflection of light.

Q:68 The correct answer is **option 3** i.e. **Vishwanathan Anand**

- The first Rajiv Gandhi Khel Ratan Award was given to master of chess Vishwanath Anand.
- He received it in 1991-92.
- The Rajiv Gandhi Khel Ratna Award is the highest honour Sporting Award.

Q:69 The correct answer is **option 3** i.e. **Aerosols**

- An aerosol exists as suspension of fine solid particles and liquid droplets in air.
- The atmosphere contains dust particles, salt grains, pollen grains, smoke etc which is collectively called aerosol.
- An aerosol can be natural or anthropogenic.

Q:70 The correct answer is **option 3** i.e. **Horse**



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- The inhabitants of the Indus valley civilization were not aware of the animal horse.
- People who resided in Indus valley civilization were aware of cows, sheep, goats, and dogs.
- They domesticated cows and goats.

Q:71 The correct answer is **option 1** i.e. **The president of India**

- The appointer of the Chief Election Commissioner of India is the president of India.
- The term length of this post is 6 years.
- Inaugural holder is Sukumar Sen.
- Rajiv Kumar is the present Chief Election Commissioner of India.

Q:72 The correct answer is **option 2** i.e. **Nanda**

- Alexandra-The great invaded India in between 327-325 B.C.
- He invaded when the ruler was king Dhana Nanda of Nanda dynasty in 326 B.C.
- He was the last ruler of Nanda dynasty.

Q:73 The correct answer is **option 4** i.e. **Tram**

- Kolkata has the only tram services in all India.
- It the oldest surviving electrical tram network in Asia.
- They are environment friendly.

Q:74 The correct answer is **option 3** i.e. **there would be no change of seasons**

- The reason for the seasons on the earth are the tilt of the Earth (i.e. 23.5°) and the elliptical orbit of the Earth.
- If the Plane of the equator were not inclined to the plane of Earth's orbit then, there would be no change of seasons.

Q:75 The correct answer is **option 2** i.e. **Onam**

- Onam is the harvest festival of Kerala.
- It is celebrated to welcome the King Mahabali.
- Onam is celebrated with dance, songs and boat races.
- The snake boat race is known as Vallamkali happens on the river Pampa.

Q:76 The correct answer is **option 2** i.e. **Guru Govind Singh.**

- **Guru Govind Singh** was the tenth and the last of the personal Sikh Gurus, who is well known for his creation of the Khalsa Punjabi 'The Pure'.
- He was the son of the ninth Guru, Tegh Bahadur, who suffered martyrdom at the hands of the Mughal emperor Aurangzen.

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



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- The **Fukushima nuclear accident** was a major nuclear accident which took place at the Fukushima Daiichi nuclear power plant in Okuma, Fukushima, Japan.
- The tragic incident took place on 11 March, 2011, when the 2011 Tohoku earthquake and tsunami, which resulted in electrical grid failure and damaged nearly all of the power plant's backup energy sources.
- The inability to sufficiently cool the reactors after shutdown compromised containment and led to the release of radioactive contaminants into the surrounding environment.

Q:78 The correct answer is **option 4** i.e. **frequency of the 2nd = 2x frequency of the 1st**

Sa re ga ma pa dha ni sa is a mnemonic used in Indian classical music to represent the seven notes of the musical scale.

- It can be translated as 'sa' (C), 're' (D), 'ga' (E), 'ma' (F), 'pa' (G), 'dha' (A), and 'ni' (B).
- To understand the concept, it is important to learn the basics of Indian classical music, including the different ragas (melodic patterns) and talas (rhythmic patterns) that are used in the music.

Q:79 The correct answer is **option 1** i.e. **Plato**.

- The Republic is a Socratic dialogue written by **Plato** at 375 BCE.
- The book offers a philosophical dialogue about the nature of justice and the just individual.
- The dialogues among Socrates and various Athenians and foreigners, discuss the meaning of justice, and examines whether or not the just man is happier than the unjust man, by proposing a society ruled by philosophers kings and guardians.

Q:80 The correct answer is **option 3** i.e. **25**

The series given

22, 21, 23, 22, 24, 23,

The pattern followed in this series is firstly -1 and then +2 next number

$22 - 1 = 21$ $21 + 2 = 23$ $23 - 1 = 22$ $22 + 2 = 24$ $24 - 1 = 23$

then the required next term is $23 + 2 = 25$

Q:81 The correct answer is **option 2** i.e. **Aang Lee**.

- **Aang Lee** is the director and producer of the film 'Life of Pi'.
- Life of Pi is a 2012 adventure drama film which was based on Yann Martel's 2001 novel of the same name.
- The film is about an Indian boy from Pondicherry, India who explores issues of spirituality and metaphysics from an early age.
- He survives 227 days after a shipwreck while stranded on a lifeboat in the Pacific Ocean with a Bengal tiger which raises questions about the nature of reality and how it is perceived and told.

Q:82 The correct answer is **option 1** i.e. **Magnus Carlsen**.



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- The World Chess Championship 2013 was a match between reigning world champion Viswanathan Anand and challenger Magnus to determine the World Chess Championship.
- It was held from 7 to 25 November 2013 in Chennai, India, under the auspices of FIDE (the World Chess Federation) and in this **Magnus Carlsen** overthrew the reigning champion and emerged the winner.

Q:83 The correct answer is **option 3** i.e. **Ajoy**.

- **Ajoy** is the odd one out.
- Teesta, Jaldhaka and Mahanada are north flowing rivers of West Bengal.
- The Ajoy river is a major river which passes through the state of Jharkhand and West Bengal.

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

- Pototoe is a modified **stem** called Tuber, which is a swollen underground stem.
- Tubers are specialized storage stem of certain seed plants. Tubers are usually short and thickened and typically grow below the soil.
- Tubers are largely composed of starch storing parenchyma tissue which constitutes the resting stage of various plants and enables overwintering in many species.

Q:85 The correct answer is **option 3** i.e. **Jamaica**.

- Usain Bolt is a **Jamaica** retired sprinter, widely considered to be the greatest sprinter of all time.
- He is the world record holder in the 100 metres, 200 metres and 4 × 100 metres relay.
- He gained worldwide fame for his double sprint victory in world record times at the 2008 Beijing Olympics.

Q:86 The correct answer is **option 4** i.e. **Jatindra Mohan Sengupta**.

- **Jatindra Mohan Sengupta** was the real name of Deshpriya.
- Because of his popularity and contribution to the Indian freedom movement, Jatindra Mohan Sengupta is affectionately remembered by the people of Bengal with the honorific name Deshpriya, which means 'Beloved of the country.'

Q:87 The correct answer is **option 3** i.e. **1 Kg**.

- The mass of 1 litre of water at 4°C is **1 Kg**.
- One litre of water has a mass of almost exactly one kilogram when measured at its maximum density, which occurs at about 4°C.
- Similarly, one milliliter (1 ml) of water has a mass of about 1000 kg (1 tonne)

Q:88 The correct answer is **option 1** i.e. **Earth's gravitational pull**.

- The escape velocity of a rocket fired from the earth towards the moon is a velocity to get rid of the **Earth's gravitational pull**.
- The escape velocity is defined as the minimum velocity required by an object escape from the gravitational pull of a celestial body such as a planet or a moon.
- In this case, the rocket is fired from the earth towards the moon, so the escape velocity required is to get rid of the



Q:89 The correct answer is **option 2** i.e. **Samudragupta**.

- **Samudragupta** of the Gupta dynasty is known as the 'Napoleon of India'.
- Historian AV Smith gave him the title because of his great military conquests known from the 'Prayag Prashasti' written by his courtier and poet Harisena, who also describes him as the hero of a hundred battles.

Q:90 The correct answer is **option 1** i.e. **Versatile**.

- **Versatile** is referred to someone who possesses many talents or the ability to be multi-skilled.
- Being versatile is important because it allows us to adapt and change to different situations, environments and tasks.

Q:91 The correct answer is **option 4** i.e. **Hockey**.

- Leslie Claudius was an Indian field **Hockey** player from Bilaspur.
- Claudius shares with Udham Singh the distinction of being one of only two Indian players to win 4 Olympic medals in field hockey.
- He was the first player ever to earn 100 caps and competed for India, in addition to the Olympics.
- In 1971, he became the 6th Indian hockey player to be given the prestigious Padma Shri Award.

Q:92 The correct answer is **option 3** i.e. **Cyrus Palongji Mistri**.

- **Cyrus Palongji Mistri** was appointed as the chairman of TATA SONS in 2013.
- Mistri joined the board of TATA SONS on 1st September 2006, a year after his father retired from it.
- In addition to being the chairman of Tata Sons, he was also chairman of all major Tata companies including Tata Industries, Tata Steel, Tata Motors, Tata Consultancy Services, Tata Power, Tata Global Beverages and Tata Chemicals.

Q:93 The correct answer is **option 3** i.e. **Printer**.

- Among the following, **printer** is not an input device but an output device.
- An input device is a hardware device that transfers data to a computer system and allows us to control it. Examples of input devices are Keyboard, Mouse, Joystick, Light pen scanner etc.
- An output device is any piece of computer hardware that converts information or data into a human-perceptible form. Examples are Printer, Speaker, Monitors, Headphones, Projector, GPS devices etc.

Q:94 The correct answer is **option 3** i.e. **Kabindra Parameswar**.

- **Kabindra Parameswar** is popularly believed to be the first translator of the epic Mahabharata into Bangla. He was a medieval Bengali poet.
- Parameswar was the court poet of Bengal Sultanate governor Paragal Khan. At the request of Paragal Khan, he wrote an abridged version of the Mahabharata in Bengali during 1519.

Q:95 The correct answer is **option 3** i.e. **Group A and O**.



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- Among the following blood groups, a person with the blood group A can receive blood from **Group A and O**.
- A person with blood group A can donate blood to only the person having blood group A because in group A, antigen A is present.
- On the other hand, person with blood group O is a universal donor.
- Thus, a person whose blood group is A can accept blood from both Group A and O.

Q:96 The correct answer is **option 3** i.e. **Joydev**.

- The Geet Gobinda is a poem written in Sanskrit by **Joydev**.
- It is a lyrical poem celebrating the romance of the divine cowherd Krishna and his beloved, Radha.
- The poem is renowned both for its high literary value and for its expression of religious longing, and is popular among the Vaishnavas, the followers of Lord Krishna in India,

Q:97 The correct answer is **option 1** i.e. **Charyapada**.

- **Charyapada** is one of the earliest extant work in Bengali literature.
- The Charyapada is a collection of 47 Buddhist mystic songs in Old Bengali dating back to the 10th and 11th centuries. It was composed by the Buddhist monks.
- Because the language of these hymns is only partly understood, it is called Sandhya or twilight language. The Charyapada hymns possess both linguistic and literary value.

Q:98 The correct answer is **option 4** i.e. **Japan**.

- The Yen is Yemhe official currency of **Japan**. It is the third most traded currency in the foreign exchange market after the United States dollar and the euro.
- The Yen is also widely used as a third reserve currency after the US dollar and the Euro.

Q:99 The correct answer is **option 4** i.e. **1 AD**.

- Jesus Christ was crucified in **1 AD Judea**, most likely between AD 30 and 33.
- The crucifixion of Jesus is one of the most significant events in the Christian religion.
- According to Christian beliefs, Jesus Christ was the son of God, which was sent to Earth in human form in order to provide salvation to humanity, which was sinful.
- In order to fulfill his purpose of saving humanity, Jesus had to sacrifice his human life for the greater good.

Q:100 The correct answer is **option 4** i.e. **Lumbini**.

- Gautama Buddha was born in 623 BC in the sacred area of **Lumbini** located in the Terai plains of Southern Nepal.
- This can be seen from the inscription of the pillar erected by Ashoka, the Mauryan Emperor in 249 BC.
- Lumbini is one of the holiest places of one of the world's greatest religion Buddhism and its remains contain important evidence about the nature of Buddhist pilgrimage centres from as early as 3rd century BC.

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WBPSA Food SI Exam Preparation Tips

To ace the WBPSA Food SI Exam, a comprehensive and strategic approach to preparation is crucial. Here's a step-by-step guide to ensure you're on the right track:

- 1. Understand the Exam Pattern:** Thoroughly analyze the exam pattern, including the question types, marking scheme, and duration. This understanding will help you plan your preparation accordingly.
- 2. Know the Syllabus Inside Out:** Familiarize yourself with the detailed syllabus, identifying the key topics and subtopics. Prioritize areas that carry more weightage and focus on understanding the fundamental concepts.
- 3. Gather Quality Study Material:** Collect relevant study materials, including textbooks, reference books, and online resources. Ensure the materials are updated and aligned with the latest syllabus.
- 4. Create a Study Schedule:** Devise a realistic and personalized study schedule that fits your learning style and time constraints. Allocate dedicated time slots for each subject and stick to the schedule consistently.
- 5. Conceptual Understanding:** Focus on understanding the core concepts rather than rote memorization. This approach will help you apply your knowledge to different types of questions effectively.
- 6. Practice with Previous Year Question Papers:** Solve previous year question papers to familiarize yourself with the exam format, question types, and difficulty level. Analyze your performance and identify areas for improvement.
- 7. Time Management Skills:** Practice time management techniques to optimize your performance during the exam. Learn to prioritize questions and avoid spending too much time on any single question.
- 8. Mock Tests and Online Quizzes:** Take mock tests and online quizzes to assess your preparation level and identify areas that need further attention. These tests will also help you build exam temperament and confidence.
- 9. Stay Updated on Current Affairs:** Keep yourself updated on current affairs related to food safety, regulations, and health issues. This knowledge will be helpful for the General Studies section.
- 10. Revise and Review:** Regularly revise and review the topics you have covered to retain information and strengthen your understanding. Create concise notes and summaries for quick revision.

Remember, consistent effort and smart preparation strategies are key to achieving success in the WBPSA Food SI Exam. Stay focused, stay determined, and you'll be well on your way to securing your desired position.