

Subject Code : 206

Subject Code	Exam Date	Q Id	Questions	Answer Key
206	12-01-2020	561	<p>The Konkan Railway connects which of the following cities?</p> <p>(A) Kanyakumari – Mangalore</p> <p>(B) Kanyakumari – Mumbai</p> <p>(C) Goa – Mangalore</p> <p>(D) Roha – Mangalore</p>	(D)
206	12-01-2020	562	<p>The word “Agricultural shot” is known to be used sometimes in which among the following sports?</p> <p>(A) Cricket</p> <p>(B) Hockey</p> <p>(C) Golf</p> <p>(D) Polo</p>	(A)
206	12-01-2020	563	<p>Which Indian organisation has organized FinTech Conclave 2019</p> <p>(A) SEBI</p> <p>(B) Ministry of Finance</p> <p>(C) NITI Aayog</p> <p>(D) RBI</p>	(C)
206	12-01-2020	564	<p>Which of the following units is usually used to denote the intensity of pollution?</p> <p>(A) Milligrams</p> <p>(B) Nanograms</p>	(C)

			<p>(C) Parts per million</p> <p>(D) Kilogram</p>	
206	12-01-2020	565	<p>Name the anti- satellite missile test run by India on 27 March 2019 ?</p> <p>(A) Mission shaurya</p> <p>(B) Mission Cobra</p> <p>(C) Mission Prithivi</p> <p>(D) Mission Shakti</p>	(D)
206	12-01-2020	566	<p>Pick out the correct meaning of the underlined part of the sentence:-</p> <p>A movement for the world unity is <u>in the offing</u>.</p> <p>(A) at the end</p> <p>(B) about to start</p> <p>(C) on decline</p> <p>(D) in the air</p>	(B)
206	12-01-2020	567	<p>One word for "Keep your eyes peeled"</p> <p>(A) To watch carefully</p> <p>(B) Searching someone</p> <p>(C) Looking forward</p> <p>(D) Running away</p>	(A)
206	12-01-2020	568	<p>Choose the right meaning - "Souvenir"</p> <p>(A) A thing that is kept as a reminder of an event</p> <p>(B) A thing given as a prize</p> <p>(C) A thing which is related to quiz</p>	(A)

			(D) A thing which is related to religious matters	
206	12-01-2020	569	<p>Fill up the blanks:</p> <p>I want to meet the artisthas painted this picture.</p> <p>(A) Which</p> <p>(B) That</p> <p>(C) Who</p> <p>(D) Whom</p>	(C)
206	12-01-2020	570	<p>She said, "If you work hard, you will take good marks." Change to indirect speech.</p> <p>(A) My teacher advised if I work hard I could take good marks.</p> <p>(B) My teacher advises if you work hard you will take good marks.</p> <p>(C) My teacher advises if I work hard I will take good marks.</p> <p>(D) My teacher advised that I worked hard I would take good marks.</p>	(C)
206	12-01-2020	571	<p>In a garden, there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 metres and a distance of one metre is left from all sides of the boundary of the garden. The length of the garden is</p> <p>(A) 20M</p> <p>(B) 22M</p> <p>(C) 24M</p> <p>(D) 26M</p>	(C)
206	12-01-2020	572	<p>Look at this series: 22, 21, 23, 22, 24, 23, ...</p> <p>What number should come next?</p>	(C)

			<p>(A) 22</p> <p>(B) 24</p> <p>(C) 25</p> <p>(D) 26</p>	
206	12-01-2020	573	<p>A & B are brothers. C & D are sisters. A's son is D's brother. How is B related to C.</p> <p>(A) Brother</p> <p>(B) Uncle</p> <p>(C) Cousin</p> <p>(D) Father</p>	(B)
206	12-01-2020	574	<p>The day before yesterday was Saturday. What day will it be the day after tomorrow?</p> <p>(A) Tuesday</p> <p>(B) Wednesday</p> <p>(C) Thursday</p> <p>(D) Friday</p>	(B)
206	12-01-2020	575	<p>Vincent has a paper route. Each morning, he delivers 37 newspapers to customers in his neighborhood. It takes Vincent 50 minutes to deliver all the papers. If Vincent is sick or has other plans, his friend Thomas, who lives on the same street, will sometimes deliver the papers for him.</p> <p>(A) Vincent and Thomas live in the same neighborhood.</p> <p>(B) It takes Thomas more than 50 minutes to deliver the papers.</p> <p>(C) It is dark outside when Vincent begins his deliveries.</p>	(A)

			(D) Thomas would like to have his own paper route.	
206	12-01-2020	576	<p>A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is?</p> <p>(A) $\frac{1}{4}$</p> <p>(B) $\frac{1}{10}$</p> <p>(C) $\frac{7}{15}$</p> <p>(D) $\frac{8}{15}$</p>	(D)
206	12-01-2020	577	<p>A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?</p> <p>(A) 3.6</p> <p>(B) 7.2</p> <p>(C) 8.4</p> <p>(D) 10</p>	(B)
206	12-01-2020	578	<p>A train 150 m long is running at 60 kmph. In how much time will it pass a platform 250 m long?</p> <p>(A) 22 sec</p> <p>(B) 20 sec</p> <p>(C) 25 sec</p> <p>(D) 24 sec</p>	(D)
206	12-01-2020	579	<p>In an examination 80% candidates passed in English and 85% candidates passed in Mathematics. If 73% candidates passed in both these subjects, then what percent of candidates failed in both the subjects?</p> <p>(A) 15%</p>	(B)

			<p>(B) 8%</p> <p>(C) 27%</p> <p>(D) 35%</p>	
206	12-01-2020	580	<p>The average temperature for Wednesday, Thursday and Friday is 40 °C. The average for Thursday, Friday and Saturday is 41 °C. If temperature on Saturday was 42 °C, what was the temperature on Wednesday?</p> <p>(A) 44 °C</p> <p>(B) 41 °C</p> <p>(C) 38 °C</p> <p>(D) 39 °C</p>	(D)
206	12-01-2020	581	<p>A fire suppression gas developed to replace Halon, technically known as IG-541 is</p> <p>(A) HCFC-225ea</p> <p>(B) HFC-227</p> <p>(C) Inergen</p> <p>(D) Argon</p>	(C)
206	12-01-2020	582	<p>"Green" colour of the quartzoid bulb indicates the temperature-</p> <p>(A) 93 degree celsius</p> <p>(B) 57 degree celsius</p> <p>(C) 79 degree celsius</p> <p>(D) 100 degree celsius</p>	(A)
206	12-01-2020	583	<p>Indian standard for deployment of fire extinguisher is</p>	(A)

			<p>(A) BIS-2190</p> <p>(B) BIS-955</p> <p>(C) BIS-954</p> <p>(D) BIS-2020</p>	
206	12-01-2020	584	<p>As per BIS -15683 which of the following capacity of DCP fire extinguisher is not available</p> <p>(A) 4 kg</p> <p>(B) 5 kg</p> <p>(C) 6 kg</p> <p>(D) 7 kg</p>	(B)
206	12-01-2020	585	<p>BIS standard for crash fire tender</p> <p>(A) BIS-951</p> <p>(B) BIS-955</p> <p>(C) BIS-949</p> <p>(D) BIS-901</p>	(A)
206	12-01-2020	586	<p>Fixed fire fighting system provided in LPG Bullet</p> <p>(A) Deluge Valve System</p> <p>(B) Foam Pourer</p> <p>(C) Foam Chamber</p> <p>(D) None of the options</p>	(A)
206	12-01-2020	587	<p>What is the global warming potential of CO₂ gas</p> <p>(A) 0.8</p> <p>(B) 1.2</p>	(C)

			<p>(C) 1</p> <p>(D) 2</p>	
206	12-01-2020	588	<p>Which of the following burns with an almost invisible flame?</p> <p>(A) ethylene oxide</p> <p>(B) methanol</p> <p>(C) oxygen</p> <p>(D) CO₂</p>	(B)
206	12-01-2020	589	<p>According to the petroleum rules, what is the maximum quantity of class B petroleum that can be stored without a license?</p> <p>(A) 1000 Litres</p> <p>(B) 2000 Litres</p> <p>(C) 2500 Litres</p> <p>(D) 3000 Litres</p>	(C)
206	12-01-2020	590	<p>Pressure gauge of SCBA set is connected with</p> <p>(A) high pressure tube</p> <p>(B) low pressure tube</p> <p>(C) Facemask</p> <p>(D) None of the options</p>	(A)
206	12-01-2020	591	<p>As per NBC, expand FAR</p> <p>(A) Fire Advance Rate</p> <p>(B) Floor Area Ratio</p> <p>(C) Fire Exit Route</p> <p>(D) Fire Exit Range</p>	(B)

206	12-01-2020	592	<p>Convert 100 degree celsius into Kelvin scale</p> <p>(A) 373 degree kelvin</p> <p>(B) 273 degree kelvin</p> <p>(C) 173 degree kelvin</p> <p>(D) 73 degree kelvin</p>	(A)
206	12-01-2020	593	<p>Amount of heat required to raise the temperature of 1 kilogram of the material by 1 degree celsius is called</p> <p>(A) specific heat</p> <p>(B) latent heat</p> <p>(C) fire point</p> <p>(D) exit rate</p>	(A)
206	12-01-2020	594	<p>Which gas is primarily responsible for Back draught</p> <p>(A) Nitrogen</p> <p>(B) CO₂</p> <p>(C) CO</p> <p>(D) Hydrogen</p>	(C)
206	12-01-2020	595	<p>Filling ratio of CO₂ extinguisher</p> <p>(A) 1.1</p> <p>(B) 2.5</p> <p>(C) 0.66</p> <p>(D) 1.5</p>	(C)
206	12-01-2020	596	<p>Which of the following is a clean agent for fire fighting</p>	(C)

			<p>(A) MAP</p> <p>(B) AFFF</p> <p>(C) IG-55</p> <p>(D) None of the options</p>	
206	12-01-2020	597	<p>Pressure loss decreases when</p> <p>(A) length increases</p> <p>(B) remains the same</p> <p>(C) length decreases</p> <p>(D) None of the options</p>	(C)
206	12-01-2020	598	<p>Boil over is caused due to</p> <p>(A) lightening</p> <p>(B) steam formation</p> <p>(C) detonation</p> <p>(D) back draught</p>	(B)
206	12-01-2020	599	<p>Orifice plates are installed in fire hydrants</p> <p>(A) to reduce pressure</p> <p>(B) decrease velocity</p> <p>(C) to increase pressure</p> <p>(D) increase velocity</p>	(A)
206	12-01-2020	600	<p>Concentrated Acid can be diluted by</p> <p>(A) Pouring water into acid</p> <p>(B) Pouring acid into water</p> <p>(C) Pouring base into acid</p>	(B)

			(D) All of the options	
206	12-01-2020	601	<p>Full form of SCBA is</p> <p>(A) Self Compressed Breathing Apparatus</p> <p>(B) Self Contained Breathing Apparatus</p> <p>(C) Self Controlled Breathing Apparatus</p> <p>(D) Self Connected Breathing Apparatus</p>	(B)
206	12-01-2020	602	<p>Which of the following is electrically most conductive</p> <p>(A) aluminium</p> <p>(B) iron</p> <p>(C) gold</p> <p>(D) copper</p>	(C)
206	12-01-2020	603	<p>Rhonda is the supervisor of the parts department at a car dealership. Among her responsibilities are: scheduling who is supposed to work; when her subordinates are to work; who should do the ordering; and who should help her with counting the inventory. These responsibilities are examples of what type of management function?</p> <p>(A) Leading</p> <p>(B) Controlling</p> <p>(C) Organizing</p> <p>(D) Planning</p>	(C)
206	12-01-2020	604	<p>Maximum effective working duration for BA cylinder having water capacity of 6.8 litre and filling pressure of 300 bar</p> <p>(A) 56 minutes</p> <p>(B) 35 minutes</p>	(C)

			<p>(C) 51 minutes</p> <p>(D) 45 minutes</p>	
206	12-01-2020	605	<p>As per Indian standard 13039:2014 fire hydrant outlets shall be ----- above ground level</p> <p>(A) 75 Centimeter</p> <p>(B) 130 Centimeter</p> <p>(C) 100 Centimeter</p> <p>(D) 90 Centimeter</p>	(C)
206	12-01-2020	606	<p>Indian standard for landing valves is</p> <p>(A) IS: 2189</p> <p>(B) IS: 5290</p> <p>(C) IS: 2190</p> <p>(D) IS: 6090</p>	(B)
206	12-01-2020	607	<p>A rectangular tank with flat base is 12 m long, 15 m in width is full of water. Calculate the total quantity of water in liter in the tank if the depth is 4 m</p> <p>(A) 450,000 liters</p> <p>(B) 31,000 liters</p> <p>(C) 720,000 liters</p> <p>(D) 180,000 liters</p>	(C)
206	12-01-2020	608	<p>A rectangular tank with flat base measuring 40 m x 30 m x 3 m is being filled with water by a pump, if the flow through the pump is 2000 liters per minute, calculate the time required to fill the tank</p> <p>(A) 60 hours</p>	(B)

			<p>(B) 30 hours</p> <p>(C) 62 hours</p> <p>(D) 36 hours</p>	
206	12-01-2020	609	<p>Calculate the water horsepower of a pump capable of discharging 1800 LPM at a pressure of 7 bars</p> <p>(A) 128.52 HP</p> <p>(B) 138.52 HP</p> <p>(C) 48.52 HP</p> <p>(D) 68.52 HP</p>	(C)
206	12-01-2020	610	<p>Calculate the head equivalent to 14 bar pressure</p> <p>(A) 136.72 meter of water</p> <p>(B) 139.76 meter of water</p> <p>(C) 138.64 meter of water</p> <p>(D) 142.66 meter of water</p>	(D)
206	12-01-2020	611	<p>As per IS: 2190:2010 life of Carbon dioxide type fire extinguisher is</p> <p>(A) 5 Year</p> <p>(B) 15 Year</p> <p>(C) 12 Year</p> <p>(D) 10 Year</p>	(B)
206	12-01-2020	612	<p>A flame is the visible part of an exothermic _____ phase reaction zone</p> <p>(A) Liquid</p> <p>(B) Solid</p>	(C)

			<p>(C) Gaseous</p> <p>(D) Unsteady</p>	
206	12-01-2020	613	<p>Discharge of FMB – 5X @ 7Kg/cm² pressure is</p> <p>(A) 225 LPM</p> <p>(B) 450 LPM</p> <p>(C) 350 LPM</p> <p>(D) 750 LPM</p>	(A)
206	12-01-2020	614	<p>Expansion ratio of LOW EXPANSION foam is</p> <p>(A) Upto 20:1</p> <p>(B) From 20:1 to 200:1</p> <p>(C) Above 200:1</p> <p>(D) From 50:1 to 100:1</p>	(A)
206	12-01-2020	615	<p>Access techniques used by the fire service to obtain entry to locked or blocked enclosures (buildings, houses, vehicles) for emergency purposes with minimum damage to the enclosure.</p> <p>(A) Low Level Entry</p> <p>(B) Fire entry</p> <p>(C) Forcible Entry</p> <p>(D) High Level Entry</p>	(C)
206	12-01-2020	616	<p>The document containing all entries relating to appliances, personnel, fire and in fact this serves day to day history of a fire station where in all activities are entered in proper order is called</p> <p>(A) Stock register</p> <p>(B) Log Books</p>	(C)

			<p>(C) Occurrence Book</p> <p>(D) Duty deployment register</p>	
206	12-01-2020	617	<p>_____ is in-charge of one pump unit fire station or to be second in command to a station officer</p> <p>(A) Sub-Officer</p> <p>(B) Leading Fireman</p> <p>(C) Driver Cum Pump Operator</p> <p>(D) Fireman</p>	(A)
206	12-01-2020	618	<p>Fires in flammable liquids, such as oils, liquid fuels, lubrication oils, hydraulic fluids, greases, tars, oil base paints and cutting oil comes under</p> <p>(A) Class A fire</p> <p>(B) Class B fire</p> <p>(C) Special Class</p> <p>(D) Class D fire</p>	(B)
206	12-01-2020	619	<p>A firefighting foam system that uses compressed air with foam solution to create a foam in an application hose or mixing chamber</p> <p>(A) Compressed Foam Air System (CFAS)</p> <p>(B) Foam Compressed Air System (FCAS)</p> <p>(C) Compressed Air Foam System (CAFS)</p> <p>(D) Air Compressed Foam System (ACFS)</p>	(C)
206	12-01-2020	620	<p>A portable fire extinguisher that contains a dry chemical powder used for fire suppression application purposes is called</p> <p>(A) DCP type Fire extinguisher</p>	(A)

			<p>(B) Foam type Fire extinguisher</p> <p>(C) Water type Fire extinguisher</p> <p>(D) CO₂ type Fire extinguisher</p>	
206	12-01-2020	621	<p>A radiant energy-sensing fire detector that detects the radiant energy emitted by a flame (infrared, ultraviolet, or visible radiation) is called</p> <p>(A) Flame detector</p> <p>(B) Smoke detector</p> <p>(C) Heat detector</p> <p>(D) Ionization detector</p>	(A)
206	12-01-2020	622	<p>The minimum temperature at which a substance will continue to burn without additional application of external heat.</p> <p>(A) Fire point</p> <p>(B) Ignition point</p> <p>(C) Pour point</p> <p>(D) Critical point</p>	(B)
206	12-01-2020	623	<p>Coefficient specified for individual sprinklers based on their orifice design and used for hydraulic calculations of the sprinkler system.</p> <p>(A) C - Factor</p> <p>(B) R - Factor</p> <p>(C) Q - Factor</p> <p>(D) K - Factor</p>	(D)
206	12-01-2020	624	<p>A smoke detection and alarm system that samples air for smoke particles using air suction tubes to specific points for the protected hazard.</p>	(B)

			<p>(A) Advanced Smoke Detection and Alarm (ASDA) System</p> <p>(B) Very Early Smoke Detection and Alarm (VESDA) System</p> <p>(C) Early Smoke Detection and Alarm (ESDA) System</p> <p>(D) Automatic Smoke Detection and Alarm (ASDA) System</p>	
206	12-01-2020	625	<p>An explosion in which the cloud of vapour (gases or mist) ignites in air, resulting in a detonation accompanied by a blast wave and intense heat.</p> <p>(A) Boiling Liquid Expanding Vapor Explosion</p> <p>(B) Flashover</p> <p>(C) Backdraft</p> <p>(D) Unconfined Vapor Cloud Explosion</p>	(D)
206	12-01-2020	626	<p>When LPG escapes from its container, it will travel _____ with the prevailing wind currents in the area.</p> <p>(A) Upward</p> <p>(B) Downward</p> <p>(C) Horizontal</p> <p>(D) None of the options</p>	(B)
206	12-01-2020	627	<p>Pressure noticed in a Breathing air cylinder capacity 06 ltrs. Filled up to 300 bar pressure is 280 bar, what will be the working duration of cylinder?</p> <p>(A) 30 minutes</p> <p>(B) 32 minutes</p> <p>(C) 42 minutes</p>	(B)

			(D) 35 minutes	
206	12-01-2020	628	<p>As per NBC 2016, Classification of Buildings Based on Occupancy, which type of occupancy comes in Group G</p> <p>(A) Residential</p> <p>(B) Industrial</p> <p>(C) Business</p> <p>(D) Institutional</p>	(B)
206	12-01-2020	629	<p>The Indian Standard for selection, installation and maintenance of automatic fire detection and alarm system is</p> <p>(A) IS 2189</p> <p>(B) IS 2891</p> <p>(C) IS 2819</p> <p>(D) IS 2981</p>	(A)
206	12-01-2020	630	<p>As per IS 2190, the hydrostatic pressure test interval for dry chemical type fire extinguishers is</p> <p>(A) 3 Years</p> <p>(B) 2 Years</p> <p>(C) 5 Years</p> <p>(D) 1 Year</p>	(A)