

Question Bank Rigger- JE

1.	The beam which is fixed at one end and free at other end is called a. Simple supported beam b. Fixed beam c. Overhanging beam d. Cantilever beam –	d
2.	How tight do you tighten a screw pin shackle? a. Hand tight and back off ¼ turn. b. Hand tight and back off ½ turn. c. Minimum of hand tight with pin fully engaged. d. None of the above	c
3.	In rigging triangle applications, the maximum included angle at the top, if a hook is used would be: a. 90 Degrees b. 120 Degrees c. 180 Degrees d. 360 Degrees	a
4.	The centre used with tail stock is called – a. Spindle centre. b. Dead centre. c. Live centre. d. Main centre.	b
5.	What is meant by first-aids ? a. Treatment of a victim before doctor. b. Job's safety. c. Prepare a proper sequence of operations. d. Treatment of a victim after doctor.	a
6.	Ring Gauges are used to check – a. Outside Dia. b. Inside Dia. c. Pitch. d. Taper.	a
7.	Job built overhead lifting devices must be? a. Stamped by a Professional Engineer (P.E). b. Built by a qualified fabricator. c. Tested to 125% of intended capacity d. All of above.	d
8.	_____ is used for general fire? a. Fire extinguisher. b. Safe Guard. c. Iodine Liquid. d. Coolant Pump.	a
9.	Which of the following is good conductor of heat? a. China clay	d

	b. Porcelain c. Graphite d. Copper.	
10.	Corrosion is a _____ property of metal. a. Mechanical b. Chemical c. Physical d. Electrical	b
11.	The belt mainly slips due to – a. Less Tension b. High starting torque. c. Misalignment. d. Pulsating Load.	d
12.	The property of a metal due to which it can be shaped to a wire by drawing process is called – a. Brittleness b. Toughness c. Ductility d. Strain	c
13.	When using multiple leg rigging, the most desirable sling angles to have are? a. 5-25 degrees b. 30-40 degrees c. 45-70 degrees d. 75-90 degrees	c
14.	The minimum recommended sling angle is? a. 30 degrees. b. 45 degrees. c. 60 degrees. d. Sling angles are not recommended.	a
15.	When a shackle is side loaded at a 90 degree angle, the loss of capacity is? a. 10% b. 50% c. 75% d. Shackles cannot be side loaded.	b
16.	The maximum included angle of a hook is? a. 10 degrees. b. 12 degrees. c. 30 degrees. d. 90 degrees.	d
17.	ANSI B30.9 inspection frequency requires? a. Initial inspection upon purchase before use b. Daily inspection before use c. Periodic inspection not to exceed one year d. All of above.	d
18.	Maximum wear limitation of hooks and shackles is? a. 5%. b. 10% c. 15%. d. 20%	b
19.	Which washer is used for locking ? a. Plain. b. Locking. c. Spring. d. Round.	b

20.	Copper Metal in Gun Metal is – a. 90% b. 85% c. 60% d. 50%	b
21.	The new ASME B30.26 Rigging Hardware standard addresses which of the following products? a. Shackles and rigging blocks. b. Links rings and swivels. c. Compression hardware (wedge sockets & clips) & Adjustable hardware(turnbuckles, eye bolts, swivel hoist rings, and eye nuts) d. All of the above.	d
22.	Which of the following transforms INPUT data into OUTPUT data ? a. ROM b. CPU c. RAM d. Peripherals	b
23.	Dynamo converts – a. Electrical energy into mechanical energy. b. High voltage into low voltage. c. Low voltage into high voltage. d. Mechanical energy into electrical energy.	d
24.	The instrument used to measure electric current- a. Barometer. b. Altimeter. c. Ammeter. d. Anemometer.	c
25.	The best conductor of electricity is- a. Aluminium b. Copper c. Iron d. Silver	d
26.	The transformer used to decrease the magnitude of alternating voltage is a- a. Step-up Transformer. b. Step-down Transformer. c. Step-in Transformer. d. Step-out Transformer.	b
27.	The maximum percentage in atmosphere is of – a. Oxygen b. Nitrogen c. Carbon Dioxide d. Helium	b
28.	Magnetic needle directs to – a. North b. East c. South d. West	a
29.	The instrument used to measure blood pressure of human body is – a. Barometer b. Altimeter	d

	c. Tachometer d. Sphygmomano meter.	
30.	The mineral structure of diamond is – a. Zinc b. Nickel c. Nitrogen d. Carbon	d
31.	The temperature at which volume of a gas becomes zero is called – a. Absolute temperature. b. Absolute zero temperature. c. Absolute scale of temperature. d. None of the above.	b
32.	Which of the following is an artificial abrasive – a. Emery b. Silicon Carbide c. Green Sand d. Diamond	b
33.	The least count of Vernier caliper is – a. 1 mm b. 0.05 mm c. 0.01 mm d. 0.25 mm	c
34.	An open fuse has resistance of – a. Zero b. Infinity c. About 100 ohms at room temperature. d. At least 1000 ohms	b
35.	According to ohm's law I is proportional to a. A b. V c. T d. None of these.	b
36.	One watt is equal to – a. 0.1 Joule /sec. a. 1 Joule /sec. b. 10 Joule /sec. c. 100 Joule /sec.	a
37.	The transfer of heat from one place to another may take place by – a. Conduction b. Convection c. Radiation d. Any of these	d

38.	<p>Bench vice is used –</p> <ol style="list-style-type: none"> To balance the work piece. Storage of work piece. To hold the work piece. Cutting of work piece. 	c
39.	<p>Which of the following is the non-metallic anti-corrosion treatment?</p> <ol style="list-style-type: none"> Shearing Enameling Cladding Colorising 	b
40.	<p>At what temperature do both Centigrade and Fahrenheit thermometers show the same reading?</p> <ol style="list-style-type: none"> - 20 Degree - 40 Degree - 42 Degree 0 Degree 	b
41.	<p>The kinetic energy of a body depends upon –</p> <ol style="list-style-type: none"> Mass, Gravity and Height. Its mass alone Its velocity alone. Both mass and velocity 	d
42.	<p>The most effective way to improve safety in vast organization like Railways is to –</p> <ol style="list-style-type: none"> Ignore small acts of negligence by the staff. Carry out frequent checks. Educate the staff at all levels. Punishing defaulting staff. 	b
43.	<p>Electro magnet is made of –</p> <ol style="list-style-type: none"> Soft Iron Copper Hard Steel Zinc 	a
44.	<p>Solenoid is a –</p> <ol style="list-style-type: none"> Shaft Hollow Tube Tube on which wire is coiled. Cell. 	c
45.	<p>Humidity in atmosphere is measured by –</p> <ol style="list-style-type: none"> Hydrometer Hygrometer Manometer Pyrometer 	b
46.	<p>An alloy of copper and Zinc is called –</p> <ol style="list-style-type: none"> Bronze. Gunmetal. Stainless Steel. Brass. 	d
47.	<p>Crowning of a pulley is done to -</p> <ol style="list-style-type: none"> Prevent the slipping of a belt. To increase the tension of a belt To increase the angle of contact. None of the above. 	a

48.	<p>In which of the following drives, there is no slip</p> <ol style="list-style-type: none"> Open belt drive. Crossed belt drive Rope drive Chain drive. 	d
49.	<p>Levers are classified based on</p> <ol style="list-style-type: none"> where the load and effort are located with respect to the fulcrum where the fulcrum and effort are located with respect to the load where the load and fulcrum are located with respect to the effort None 	a
50.	<p>Mechanical advantage is –</p> <ol style="list-style-type: none"> Input force/ Output force Output force/ Input force Input force x Output force None 	b
51.	<p>On a lever, the fulcrum is –</p> <ol style="list-style-type: none"> The spot where the lever is weakest. The point where force is applied to the lever. The point the lever balances, or pivots, on The object being lifted or moved. 	c
52.	<p>The best way of avoiding accident is –</p> <ol style="list-style-type: none"> Doing work in ancient way. Doing work in ones own way. Observing safety rules related to job, machine and workplace. Using safety equipment. 	c
53.	<p>Which of the following group of properties enables the manufacture of chain hooks from wrought iron ?</p> <ol style="list-style-type: none"> Ductility, Malleability and Hardness. Hardness, Toughness and Ductility. Malleability, Ductility, and Toughness. Hardness, toughness & Brittleness. 	c
54.	<p>CNC Machines are not manually operated; they are operated by means of –</p> <ol style="list-style-type: none"> A programme. CAM An operating device A plug board system 	a
55.	<p>Rusting of Iron involves –</p> <ol style="list-style-type: none"> Oxidation Reduction 	a

	c. Decomposition d. Displacement	
56.	IMS (Integrated Management System) includes ____ a. ISO 9001 & ISO 50001 b. ISO 9001 & ISO 45001 c. ISO 9001 & ISO 14001 d. ISO 9001, ISO 14001 & ISO 45001	d
57.	ISO 9001 pertains to ____ a. environment b. health & safety c. quality d. none of the above	c
58.	ISO 14001 pertains to ____ a. environment b. health & safety c. quality d. none of the above)	a
59.	ISO 45001 pertains to ____ a. environment b. health & safety c. quality d. none of the above	b
60.	Presently, ISO 18001 pertains to ____ a. environment b. health & safety c. quality d. none of the above	d
61.	ISO 50001 pertains to ____ a. environment b. energy management system c. quality d. none of the above	b
62.	ISO 18001 replaced by ____ a. ISO 14001 b. ISO 9001 c. ISO 50001 d. ISO 45001	d
63.	Abbreviation IRIS stands for ____ a. International Railway Industry Standard b. Indian railway industry standard c. inter railway industry standard d. none of the above	a
64.	Full Form of PLW is ____ a. Precautionary Load Working b. Preventive Load Works c. Patiala Locomotive Works d. None of above	c
65.	PLW, Patiala is a ISO ____ Certified Organisation a. ISO 9001 b. ISO 14001 c. ISO 45001 d. All above	d

66.	Internal Audit of ISO Systems is conducted _____ in PLW, Patiala. a. Quarterly b. Half yearly c. Monthly d. All above	d
67.	Surveillance Audit of ISO Systems is conducted _____ in PLW, Patiala. a. Yearly b. Half yearly c. Monthly d. Non of above	b
68.	For E.O.T Crane, Full form of abbreviation MH is ____ a. multiple handle b. main hoist c. multiplex cable d. none	b
69.	For E.O.T Crane, Full form of abbreviation AH is ____ a. Alternative Handle b. Auxiliary Hoist c. Ampere Hour d. none	b
70.	For Cranes, full form of E.O.T. is____ a. Emergency Operating Contactor. b. Electric Overhead Travelling c. Electric Over-bridge Trolley. d. None of the above.	b
71.	Full Form of SWL is _____ a. Special Work Load. b. Safe Working Load. c. Standard Work Load. d. None of the above	b
72.	Safe working Load of sling _____ a. the maximum load that should be lifted with the sling b. Is the limit at which slings are tested c. is decided by the rigger d. None of the above	a
73.	At manufacturer's premises, Sling is tested first time at _____ a. 200% of SWL b. 100% OF SWL c. 125% OF SWL d. None of above	a
74.	Testing of slings at PLW is done by ____ a) director of factories b) inspector of lies c) PLW representative d) Competent person, having current & valid Certificate of Competency, issued by the Director of Factories, Punjab.	d
75.	In case of fire in electrical cables in shop, using _____ is best method for extinguishing the fire. a) Sand b) Water c) Air	d

	d) Fire Extinguisher	
76.	Wire rope diameter is measured with ____ a. steel scale b. Vernier caliper c. microscope d. none	b
77.	For safe lifting of load, the position of hook should be at ____ of load. a. Centre of Gravity b. at any point. c. a & b above d. none of above	a
78.	Before using the crane, after idle period of one year or more, _____ should be conducted. a. no inspection b. periodic inspection c. a & b above d. none of the above	b
79.	Preventive maintenance is carried out _____ a. to prevent break-down. b. after breakdown c. a & b above d. none of the above	a
80.	Crane, that is shut down for various reasons, should be ____ a. locked out & tagged out b. sold out c. a & b above d. none of the above	a
81.	Crane, that is shut down for various reasons, should be ____ a. locked out & tagged out b. painted black. c. a & b above. d. d) none of the above	a
82.	Daily inspection of wire rope sling, rigger, includes ____ a. to check any physical damage to wire rope. b. To check by lifting the load. c. a & b above. d. none of the above.	a
83.	Daily inspection of wire rope sling, rigger, includes _ a. Dia. of wire rope should not be less than 90 % of original dia. b. Check by lifting the load. c. a & b above. d. none of the above.	a
84.	Daily inspection of wire rope sling, rigger, includes ____ a. to check the hook for any cracks or damage b. to check the limit switch of crane. c. A & b above. d. none of the above.	a
85.	A portion / section of rope, where section of the rope has lost its circular form, is called ____ a. kink b. flattened portion.	a

	c. a & b above d. none of the above	
86.	A portion / section of rope, where section of the rope has lost its circular form, is called _____ a. BentPortion b. Flattened Portion. c. a & b above d. none of the above	a
87.	While attaching the load, Important factor is ____ a. To use appropriate sling. b. To use any sling. c. a & b above d. None of above.	a
88.	While attaching the load, Important factor is ____ a. Sling angle. b. No effect of angle. c. a & b above d. None of the above.	a
89.	While attaching the load, Important factor is ____ a. Align hook over centre of gravity of load. b. Attach hook anywhere to the load. c. a & b above d. None of the above.	a
90.	Lifting factor, while handling the load, includes____ a. Size, Weight and center of gravity of the load. b. Staff, who is lifting. c. a& b above. a) None of above.	a
91.	Lifting factor, while handling the load, includes____ a. SWL of the Sling & Crane b. Staff, who is lifting. c. a & b above. d. None of above.	a
92.	Lifting factor, while handling the load, includes____ a. Number of legs in the sling and their angle with horizontal line. b. Staff, who is lifting. c. a & b above. d. None of above.	a
93.	The use of two slings, each supporting the same amount of weight and having the same support angle, result in _____ a. Un-equal distribution of the loaded weight. b. Equal distribution of the loaded weight. c. Depends upon the type of slings. d. None of the above.	b
94.	The beam, which is fixed at one end and free at the other end, is called_____ _____ a. Simple supported beam. b. Fixed Beam. c. Overhanging Beam. d. Cantilever Beam.	d
95.	While working, the rigger must follow the safety norms/ requirements for safety.	b

	<ul style="list-style-type: none"> a. Incorrect. b. Correct. c. Never. e. a & c above. 	
96.	Chains Slings are made of _____ <ul style="list-style-type: none"> a. Alloy Steel. b. Stain-less Steel. c. Copper. d. Brass. 	a
97.	As per factory Act, Annual testing of Chain Slings is conducted at _____ of Safe Working Load. <ul style="list-style-type: none"> a. 125% b. 100% c. 75% d. None of above. 	a
98.	As per Factory Act, Annual testing of Wire Rope is conducted at _____ of Safe Working Load. <ul style="list-style-type: none"> a. 200% b. 125% c. 150% d. 100% 	
99.	As per Factory Act, Annual testing of Lifting Tackle is conducted at _____ of Safe Working Load. <ul style="list-style-type: none"> a. 100% b. 125% c. 150% d. 200% 	b
100.	As per factory Act, Periodical testing of Chain Slings is conducted _____ <ul style="list-style-type: none"> a. Once a year. b. Twice a year. c. Thrice a year. d. Four times a year 	a
101.	As per factory Act, Periodical testing of Wire Rope Sling is conducted _____ <ul style="list-style-type: none"> a. Four times a year. b. Once a year c. Twice a year. d. Thrice a year. 	b
102.	As per factory Act, Periodical testing of Lifting Tackles is conducted _____ <ul style="list-style-type: none"> a. Twice a year. b. Thrice a year c. Once a year. d. Four times a year. 	c
103.	After expiry of validity of test certificate, the chain Sling _____ <ul style="list-style-type: none"> a. Can be used in emergency to lift load. b. Can be used always to lift load. c. Can be used to lift lesser load. d. Cannot be used at all. 	d
104.	After expiry of validity of test certificate, the Wire Rope Sling _____ <ul style="list-style-type: none"> a. Can be used in emergency to lift load. b. Can be used always to lift load. c. Can be used to lift lesser load. d. Cannot be used at all. 	d
105.	After expiry of validity of test certificate, the lifting tackle _____ <ul style="list-style-type: none"> a. Can be used in emergency to lift load. b. Can be used always to lift load. 	d

	<ul style="list-style-type: none"> c. Can be used to lift lesser load. d. Cannot be used at all. 	
106.	<p>Newly purchased Chain Sling can be used to lift load ____</p> <ul style="list-style-type: none"> a. Based on test certificate, regarding testing of sling at 200% of SWL, given by supplier firm. b. Any Test certificate is not required for new sling. c. a & b above. d. None of the above. 	a
107.	<p>Newly purchased Wire Rope Slings can be used to lift load ____</p> <ul style="list-style-type: none"> a. If test certificate is provided by supplier firm. b. Test certificate is not required for new sling. c. a & b above. d. None of the above. 	a
108.	<p>Newly purchased Lifting tackle can be used to lift load ____</p> <ul style="list-style-type: none"> a. If test certificate is provided by supplier firm. b. Test certificate is not required for new sling. c. a & b above. d. None of the above. 	a
109.	<p>The best way to avoid accident is ____</p> <ul style="list-style-type: none"> a. Adopting one's own methods. b. Observing the safety rule related to job, machine & work place. c. a & b above. d. None of above 	b
110.	<p>While lifting load from the machine table, Rigger should pass signal to crane driver for ____ motion.</p> <ul style="list-style-type: none"> a. L.T. Motion at normal speed. b. Hoisting motion at micro speed. c. a & b above. d. None of the above. 	b
111.	<p>Which are signs of overloading of wire rope sling ____</p> <ul style="list-style-type: none"> a. Opening up, distortion or cracking of hook. b. Distortion & excessive wearing of links of closing thimbles. c. Both a & b above d. None of the above. 	c
112.	<p>What precaution should be taken to lift a lengthy load?</p> <ul style="list-style-type: none"> a. Hook of sling with multi legs should be directly engaged at different locations on the load. b. Spread bar should be used to engage hooks of multi leg sling at suitable loading points pf the load. c. Spread bar should be used to engage directly to the load. d. None of the above. 	b
113.	<p>Rigger must know the contact number of safety Officer of PLW.</p> <ul style="list-style-type: none"> a. No. b. May know. c. Yes. d. None of the above 	c
114.	<p>Which of the following does not affect the capacity of a wire rope sling _____</p> <ul style="list-style-type: none"> a) sling angle b) thimble in sling gauge eye c) D/d ratio d)none of the above 	b
115.	<p>Over travelling of main hoist motion in E.O.T. crane is controlled by _____</p> <ul style="list-style-type: none"> a. Lever type safety limit switch 	b

	b. Rotary type safety limit switch c. Gravity type safety limit switch d. d) None of the above	
116.	If rotary type safety limit switch fails, Over travelling of main hoist motion in E.O.T. crane is controlled by _____ a. lever type safety limit switch b. rotary type safety limit switch c. gravity type safety limit switch d. none of the above	c
117.	Over travelling of auxiliary hoist motion in E.O.T. crane is controlled by _____ a. lever type safety limit switch b. rotary type safety limit switch c. gravity type safety limit switch b. d) none of the above	b
118.	If rotary type safety limit switch fails, Over travelling of auxiliary hoist Motion in E.O.T. crane is controlled by _____ hoist is controlled by a. lever type safety limit switch b. rotary type safety limit switch c. gravity type safety limit switch d. d) none of the above	c
119.	A kink in wire rope means _____ a. wire rope broken b. deformation by loop c. wire rope under sized d. none of the above	b
120.	When there is Core protusion of wire rope, it ____to lift a load. a. can be used b. never be used c. may be b. d) none of the above	b
121.	Corroded wire rope _____ a. can be used b. never be used c. may be b. d) none of the above	
122.	Competent person is _____ a) a person, having current & valid certificate of competency issued to him/ her by the Director of Factories, Punjab. b) approved by PLW c) a & b above d) None of the above	a
123.	Safe Working Load of wire rope sling is marked on _ a. Hook of Sling. b. Only Supervisor knows. c. a& b above. d (None of the above	a
124.	Registration number to wire rope slings in PLW/ Patiala is allotted by _____ a. competent person b. factory inspector c. SSE/ Crane b. d) none of the above	c
125.	Registration number to chain slings in PLW/ Patiala is allotted by _____	c

	a. competent person b. factory inspector c. SSE/ Crane b. d) none of the above	
126.	Registration number to lifting tackles in PLW/ Patiala is allotted by _____ a. competent person b. factory inspector c. SSE/ Crane b. d) none of the above	c
127.	Job of 3 ton can be lifted by _____ a. sling of SWL at least 3 Ton b. sling of SWL 2.5 Ton c. sling of SWL 2.5 Ton b. d) none of the above	a
128.	One Inch is equal to _____ mm a. 24.4 mm b. 25.4 mm c. 25.0 mm d. None of above	b
129.	One Centimeter is equal to _____ mm a. 9 mm b. 10.4 mm c. 10 mm d. None of the above.	c
130.	One foot is equal to _____ inches a. 12 Inches b. 10 Inches c. 24 Inches d. None of the above.	a
131.	A Steel Measuring Scale of one foot has _____ a. 200 mm b. 150 mm c. 304.8 mm d. 305 mm	c
132.	Weight of load to be lifted with crane is specified in _____ a. Litres b. Seconds. c. Ton d. Degree centigrade.	c
133.	One Metric Ton is equal to _____ Kilogram. a. 1020 Kilogram b. 1010 Kilogram c. 100 Kilogram d. 907 Kilogram	c
134.	Length of Chain Sling is measured in _____ a. Metre. b. Kilogram. c. Cubic Metre d. None of the above.	
135.	Diameter of Steel Wire Rope is measured in _____ a. Millimetres. b. Litres. c. Cubic Meters. d. None of the above.	a
136.	After use, the slings should be kept daily on _____	b

	<ul style="list-style-type: none"> a. Shop Floor. b. On special purpose Stand. c. Anywhere. d. None of the above. 	
137.	<p>After use, the Lifting tackle should be kept daily on _</p> <ul style="list-style-type: none"> a. On special purpose Stand. b. Anywhere. c. Shop Floor. d. None of the above. 	a
138.	<p>While shifting load with E.O.T. Crane, the Load should be lifted_____</p> <ul style="list-style-type: none"> a. Up to top most position of hoist. b. Minimum Height from shop floor. c. At any height. d. None of the above. 	b
139.	<p>While lifting a job, rigger should ensure ____</p> <ul style="list-style-type: none"> a. SWL of crane is sufficient. b. Crane of any SWL can be used. c. Both a & b above. d. None of the above. 	a
140.	<p>While lifting a job, rigger should ensure____</p> <ul style="list-style-type: none"> a. SWL of Sling, Lifting tackle, to be used, is sufficient. b. Sling, Lifting tackle of any SWL can be used. c. Both a & b above. d. None of the above. 	a
141.	<p>Preventive maintenance is carried out _____</p> <ul style="list-style-type: none"> a. After accident b. to prevent break-down. c. a & b above. d. none of the above 	b
142.	<p>Daily inspection of chain slings by rigger, includes __</p> <ul style="list-style-type: none"> a. Checking links in sling for any damage. b. Checking by lifting the load. c. a & b above. d. none of the above 	a
143.	<p>Daily inspection of chain sling by rigger includes __</p> <ul style="list-style-type: none"> a. Checking hook in sling for abnormal wear. b. b)Checking by lifting the load. a. a & b above. c. d) none of the above 	a
144.	<p>Daily inspection of chain sling by rigger includes __</p> <ul style="list-style-type: none"> a. Checking safe working load of sling. b. Checking by lifting the load. c. a & b above. d. none of the above 	a
145.	<p>The best way to avoid accident is_____</p> <ul style="list-style-type: none"> a. Using mobile phone, while engaging hook to the load. b. Observing the safety rule related to job, machine & work place. c. a & b above. d. None of above. 	b
146.	<p>For driving the EOT Crane driver should accept signal from_____</p> <ul style="list-style-type: none"> a. All riggers at site. b. Only one rigger engaged with his/her crane. 	b

	c. a & b above. d. None of the above.	
147.	While driving the E.O.T. Crane, driver should accept signal from_____ to stop movement in emergency. a. Anybody at site. b. Only one rigger engaged with his/her crane. c. a & b above. d. None of the above.	b
148.	While lifting load from the machine table, Rigger should pass signal to crane driver for ____ motion. a. L.T. Motion at normal speed. b. Hoisting motion at normal speed. c. Hoisting motion at micro speed. d. C.T. motion at normal speed.	c
149.	To lift a job from table of a CNC machine, The Safest motion of crane is _____ a. L.T. Motion at normal speed. b. Hoisting motion at normal speed. c. Hoisting motion at micro speed. d. d. C.T. motion at normal speed.	c
150.	Safe Working Load of wire rope sling is marked on _ a. Main Ring of Sling. b. Only Supervisor knows. c. A & b above. d. None of the above	a
151.	Safe working Load of sling _____ a. the maximum load that should be lifted with the sling b. Is the limit at which slings are tested c. is decided by the rigger d. None of the above	a
152.	At manufacturer's premises, Sling is tested first time at _____ a. 200% of SWL b. 100% OF SWL c. 125% OF SWL d. d) None of above	a
153.	Testing of slings at PLW is done by ____ a. director of factories b. inspector of lies c. PLW representative d. Competent person, having current & valid Certificate of Competency, issued by the Director of Factories, Punjab.	d
154.	Wire rope diameter is measured with ____ a. steel scale b. Vernier caliper c. microscope d. none	b
155.	Crane, that is shut down for various reasons, should be ____ a. locked out & tagged out b. sold out c. a & b above b. d) none of the above	a
156.	Crane, that is shut down for various reasons, should be ____ a. locked out & tagged out	a

	<ul style="list-style-type: none"> b. painted black. c. a & b above. b. d) none of the above 	
157.	<p>Daily inspection of wire rope sling, rigger, includes ____</p> <ul style="list-style-type: none"> a. to check any physical damage to wire rope. b. To check by lifting the load. c. a & b above. d. none of the above. 	a
158.	<p>At manufacturer's premises, Sling is tested first time at ____</p> <ul style="list-style-type: none"> a. 200% of SWL b. 100% OF SWL c. 125% OF SWL d. d) None of above 	a
159.	<p>Testing of slings at PLW is done by ____</p> <ul style="list-style-type: none"> a. director of factories b. inspector of lies c. PLW representative d. Competent person, having current & valid Certificate of Competency, issued by the Director of Factories, Punjab. 	d
160.	<p>In case of fire in electrical cables in shop, using _____ is best method for extinguishing the fire.</p> <ul style="list-style-type: none"> a. Sand b. Water c. Air d. Fire Extinguisher 	d
161.	<p>Safe Working Load of wire rope sling is marked on _</p> <ul style="list-style-type: none"> a. Hook of Sling. b. Only Supervisor knows. c. a& b above. d. d (None of the above) 	a
162.	<p>The employee that is responsible for balancing & securing the load to the hook & will direct during the lift is called ____</p> <ul style="list-style-type: none"> a. Hoist operator b. Rigger c. Crane driver d. Workshop Manager 	b
163.	<p>A portion / section of a rope , which has lost its circular form is called_____</p> <ul style="list-style-type: none"> a. core protrusion b. flattened portion c. kink d. None of above 	b
164.	<p>Standard signal for emergency stop is____</p> <ul style="list-style-type: none"> a. With forearm vertical, fore finger pointing up, move hand in small horizontal circle b. With arm extended downward, fore finger pointing down, move hand in small horizontal circle c. Both arm extended, palms down, move arms back & forth horizontally d. Arm extended, palm down, move arm back & forth horizontally 	c
165.	<p>Maximum wear limitation of hooks & shackles is ____</p> <p>a. 5 %, b. 10 % , c. 15%, d. 20%</p>	b

166.	If a load is to be slide on the flat concrete floor, which of following provide least friction:- 1) Aluminium 2) Rubber 3) Wood 4) Steel	3
167.	Which angle from horizontal will produce the greatest tension in a sling leg? a. 75 Deg. b. 60 Deg. c. 45 Deg. d. 30 Deg.	d
168.	What is the hand signal to raise the load with crane? 1) Thumbs up 2) Index finger up 3) Little finger up 4) Two hands up	1
169.	How does a rigger signal to other crew member? 1) By hand signal 2) By whistling 3) By flags 4) All of above	4
170.	Material of chain slings in PLW 1) Stainless steel 2) Alloy steel 3) Copper 4) Brass	2
171.	Rigger inspect chain slings before daily use for:- 1) Wear out 2) Cracks 3) Breakage 4) All the above	4
172.	Safe working limit of slings _____ 1) Defines the maximum load that should be lifted with the sling 2) Is the limit at which slings are tested 3) is decided by the rigger 4) None of the above	1
173.	Wire rope sling is rejected if 1) Diameter reduced to 99% 2) Diameter reduced to 98% 3) Diameter reduced to 97 % 4) Diameter reduced to less than 90 %	3
174.	What will happen, if the slings are put below the centre of gravity of load? 1) Load will topple 2) Load will not topple 3) It is safe 4) None	1
175.	Wire rope can be used with ____ 1) One strand broken 2) Two strand broken 3) Three strand broken 4) Can never be used, even if one strand is broken	4
176.	Chain slings are tested & certified as per factory act 1) Once a year 2) Daily 3) Weekly 4) no need	1
177.	Testing of chain slings is done with load at 1) 200% of safe working load 2) 180% of safe working load 3) 150 % of safe working load 4) 125% of safe working load	4
178.	Rigger must inspect the rigging equipment	1

	1) Before daily use 2) Weekly 3) Monthly 4) None	
179.	Which measuring instrument is used to measure diameter of wire rope sling 1) Vernier calliper 2) Scale 3) Measuring tape 4) None	1
180.	Whether rigger should use only those rigging equipment which are tagged by competent person after inspection 1) No 2) Yes 3) Depends on rigger's judgment 4) None	2
181.	Whether newly purchased sling /rope can be used without test certificate 1) No 2) Yes	1
182.	Only those slings & ropes can be used which has registration number by registering authority 1) Yes 2) No	1
183.	Whether a good condition slings & ropes can be used, whose due date of testing has expired 1) Yes 2) No	2
184.	For how much time a newly purchased sling can be used without test certificate 1) 1 year 2) 6 months 3) 3 months 4) Cannot be used	4
185.	How the rejected rigging equipment is disposed 1) Should be gas cut & disposed to scrap yard 2) Tag should be removed 3) Should be sent for repair 4) Can be used in emergency	1
186.	A deformation created by a loop in the rope which has been tightened without allowing for rotation about its axis is called 1) Core protrusion 2) Flattened portion 3) Kink 4) Waviness	1
187. is used for dousing fire 1) Fire extinguisher 2) Life guard 3) Alcohol 4) Air blowing	1
188.	Warning devices that help bring attention to people in the area of the crane being in operation _____ 1) Manually operated gong 2) Power operated bell 3) Rotating beacon & strobe light 4) All the above	2
189.	Overhead lifting devices built on order must be ____ 1) Stamped by a professional engineer qualified fabricator 2) Built by a 3) Tested to 125% of intended capacity 4) All the above	4

190.	<p>What is meant by first aid</p> <p>1) Preliminary treatment of a victim by first aid trained person before going to doctor</p> <p>2) First person available at site</p> <p>3) Prepare a proper sequence of operation</p> <p>4) Care of victim after treatment from doctor</p>	1
191.	<p>When using multiple leg rigging , the most desirable sling angles to have are</p> <p>1) 5-25 ° 2) 30°-40° 3) 45-70° 4) 75-90°</p>	3
192.	<p>The minimum recommended sling angle is</p> <p>1) 30 ° 2) 45° 3) 60° 4) Not recommended</p>	
193.	<p>Which of following group of properties enables the manufacture of chain hooks from wrought iron</p> <p>a. Ductility, Malleability & hardness</p> <p>b. Hardness, toughness & ductility</p> <p>c. Malleability , ductility , toughness</p> <p>d. Hardness, toughness & brittleness</p>	c
194.	<p>Day-to-Day inspections should include:</p> <p>a. Inspect the wire rope for abnormalities and/or damage.</p> <p>b. Inspect the block and hook for any cracks or damage.</p> <p>c. Visually inspect limit switches for abnormalities and test for proper functionality.</p> <p>d. all of above.</p>	d
195.	<p>Wire rope inspections include checking of –</p> <p>a. waviness</p> <p>b. basket / lantern cage deformation (birdcage)</p> <p>c. core protrusion / distortion</p> <p>d. all of above.</p>	d
196.	<p>Standard signal/Communication for moving Hoist upwards is -</p> <p>a. With forearm vertical, fore finger pointing up, move hand in small horizontal circle.</p> <p>b. With arm extended downward, fore finger pointing down, move hand in small horizontal circle.</p> <p>c. With shouting up and up.</p> <p>d. None of above.</p>	a
197.	<p>Standard signal/Communication for moving Hoist downwards is -</p> <p>a. With forearm vertical, fore finger pointing up, move hand in small horizontal circle.</p> <p>b. With arm extended downward, fore finger pointing down, move hand in small horizontal circle.</p> <p>c. With shouting up and up.</p> <p>d. none of above.</p>	b
198.	<p>Standard Signal for Emergency stop is –</p> <p>a. with forearm vertical, fore finger pointing up, move hand in small horizontal circle.</p> <p>b. with arm extended downward, fore finger pointing down, move hand in small horizontal circle.</p> <p>c. both arms extended, palms down, move arms back and forth horizontally.</p> <p>d. arm extended, palm down, move are back and forth horizontally.</p>	c

199.	<p>Standard Signal to Move slowly is-</p> <ol style="list-style-type: none"> with arm extended downward, fore finger pointing down, move hand in small horizontal circle. both arms extended, palms down, move arms back and forth horizontally. arm extended, palm down, move are back and forth horizontally. use one hand to give any motion signal and place other hand motionless in front of hand giving the motion signal. 	d
200.	<p>Important factor (s) while attaching the load is-</p> <ol style="list-style-type: none"> use appropriate sling/hardware (work load limit) sling angle center of gravity alignment all of above. 	d
201.	<p>Safe Practices for Rigger include -</p> <ol style="list-style-type: none"> maintain line-of-sight with the operator. stop the operation if comprehension is lost. plan in advance where the load is going. all of above 	d
202.	<p>Lifting Factors while handling the load include –</p> <ol style="list-style-type: none"> size, weight, and center of gravity of the load. the rated capacity of the sling. the number of sling legs & angle the sling makes with the horizontal line.. all of above. 	d
203.	<p>. Types of Rigging & Slings include – wire rope & Hand signals during operation are used when –</p> <ol style="list-style-type: none"> When operator is deaf. Voice communications cannot be heard. When rigger is dumb. None of above. 	b
204.	<p>The use of two slings, each supporting the same amount of weight and having the same support angle results in</p> <ol style="list-style-type: none"> Unequal distribution of the load weight. Equal distribution of the load weight. Depends upon type of slings. none of the above 	b
205.	<p>How tight do you tighten a screw pin shackle?</p> <ol style="list-style-type: none"> Hand tight and back off ¼ turn. Hand tight and back off ½ turn. Minimum of hand tight with pin fully engaged. none of the above 	c
206.	<p>Protecting slings are used for –</p> <ol style="list-style-type: none"> Protecting the rigger. Protecting slings against sharp edges. Protecting the load. None of above. 	b
207.	<p>Maximum wear limitation of hooks and shackles is?</p> <ol style="list-style-type: none"> 5%. 10% 15%. 20% 	b

208.	Which washer is used for locking? a. Plain. b. Locking. c. Spring. d. Round.	b
209.	Which of the following does not affect the capacity of a wire rope sling? a. sling angle b. Thimbles in sling's eyes. c. D/d Ratio d. none of the above.	b
210.	If a load is to be slide on flat concrete floor, which of the following provide least friction. a. Aluminium b. Rubber c. Wood d. Steel.	c
211.	Which angle from horizontal will produce the greatest tension in a sling leg. a. 75 Degree. b. 60 Degree. c. 45 Degree. d. 30 Degree.	d
212.	What is the hand signal to raise the load with crane. a. Thumbs up. b. Index finger up. c. Little finger up. d. Two hands up.	a
213.	A fibre wire rope will have breaking strength _____ than independent material wire rope. a. more b. less c. same d. none of above	b
214.	A rigger while lifting a load. a. Recognizes centre of gravity to keep it stable. b. Need not to recognize centre of gravity. c. Only concentrate on wire size. d. None of the above.	a
215.	How does a Rigger signals to other crew members. a. By hand signals. b. By whistling. c. By flags. d. All of above.	d
216.	Rigger uses chain slings to lift the heavy load. a. no b. some-times. c. yes d. none of the above.	c
217.	A rigger must not convey signals to crane driver for lifting load. a. correct b. incorrect. c. Some-times. d. a & c above	b
218.	A Rigger while rigging must follow safety norms/requirements for safety. a. in-correct.	c

	<ul style="list-style-type: none"> b. never c. correct d. a & b above 	
219.	<p>A Rigger dismantles, clean & store rigging equipments</p> <ul style="list-style-type: none"> a. Yes. b. no need c. Not safe to do. d. all of above. 	a
220.	<p>Material of wire rope slings in PLW</p> <ul style="list-style-type: none"> a. Stainless Steel. b. Alloy Steel. c. Copper. d. Brass. 	b
221.	<p>Wire rope sling is manufactured from</p> <ul style="list-style-type: none"> a. Jute. b. Pipes. c. Wires. d. Balls. 	c
222.	<p>Chain slings is manufactured from</p> <ul style="list-style-type: none"> a. Pipes b. Wires c. Plates d. Metallic rings 	d
223.	<p>Rigger inspects chain slings before use daily for</p> <ul style="list-style-type: none"> a. wear out b. cracks c. breakage d. all of the above 	d
224.	<p>Rigger inspects wire ropes before use daily for</p> <ul style="list-style-type: none"> a. breakage of wire b. kinking c. wear out d. all of the above 	d
225.	<p>Should crane operator follow the signal of Rigger?</p> <ul style="list-style-type: none"> a. never. b. sometimes. c. always. d. none of the above 	c
226.	<p>Types of slings used in PLW are.</p> <ul style="list-style-type: none"> a. Chain slings b. Wire rope slings. c. Polyester web slings. d. All of the above. 	d
227.	<p>Should sling be protected against sharp edges.</p> <ul style="list-style-type: none"> a. must be protected. b. no need to protect. c. sling is strong enough & need no protection. d. none of the above. 	a
228.	<p>Can kinked wire rope be used.</p> <ul style="list-style-type: none"> a. yes. b. no. c. sometimes d. a & c above. 	b
229.	<p>Wire rope sling is rejected if,</p> <ul style="list-style-type: none"> a. Diameter reduced to 99%. 	d

	<ul style="list-style-type: none"> b. Diameter reduced to 98%. c. Diameter reduced to 97%. d. Diameter reduced to 90%. 	
230.	<p>Can wire rope sling be used if</p> <ul style="list-style-type: none"> a. One strand broken. b. Two strand broken. c. Three strand broken. d. Can never be used even if one strand is broken. 	d
231.	<p>Whether deformed wire rope sling can be used.</p> <ul style="list-style-type: none"> a. never be used. b. can be used. c. sometimes. d. none of the above. 	a
232.	<p>Chain slings are tested & certified as per Factory act.</p> <ul style="list-style-type: none"> a. Once a year. b. Daily. c. Weekly. d. no need. 	a
233.	<p>Annual testing of chain slings is done with load at</p> <ul style="list-style-type: none"> a. 200 % of Safe Working Load. b. 180% of Safe Working Load. c. 150 % of Safe Working Load. d. 125% of Safe Working Load. 	d
234.	<p>Annual testing of tackles is done with load at</p> <ul style="list-style-type: none"> a. 200 % of Safe Working Load. b. 180% of Safe Working Load. c. 150 % of Safe Working Load. d. 125% of Safe Working Load. 	d
235.	<p>What will happen if the slings are put below the centre of gravity of load.</p> <ul style="list-style-type: none"> a. load will topple. b. load will not topple. c. it is safe. d. none of the above. 	a
236.	<p>Polyester web sling is removed from service when</p> <ul style="list-style-type: none"> a. cut or snag. b. excessive wear. c. missed identification. d. any of the above. 	d
237.	<p>Rigger must inspect the rigging equipment</p> <ul style="list-style-type: none"> a. daily before use. b. weekly. c. monthly. d. not required. 	a
238.	<p>Which measuring instrument will be used by Rigger to measure the diameter of wire rope sling</p> <ul style="list-style-type: none"> a. Vernier Caliper. b. Scale. c. Measuring Tape d. any of the above. 	a
239.	<p>Whether Rigger should use only those rigging equipments which are tagged by competent person after inspection</p> <ul style="list-style-type: none"> a. no b. yes c. depends on rigger's judgment. 	b

	d. none of the above.	
240.	Is it mandatory that the rigging equipment can be certified by Govt. approved person as per Factory act. a. no b. yes c. not mandatory d. none of the above.	b
241.	Only those slings & ropes can be used which has registration number by registering authority. a. yes b. no c. no need. d. none of the above.	a
242.	Whether slings & ropes can be used whose due date of testing has expired. a. can be used always. b. can be used up to one month after expiry. c. never be used. d. none of the above.	c
243.	Whether newly purchased sling / rope can be used without test certificate. a. never b. yes c. Supervisor can allow. d. none of the above.	a
244.	Can Rigger, rig a load whose approx. weight is not known. a. never b. yes c. can be rigged. d. (b) & (c) above.	a
245.	How the rejected rigged equipment is disposed. a. should be gas cut & send to scrap yard. b. tag should be removed. c. should be sent for repair. d. can be used in emergency.	a
246.	A deformation created by a loop in the rope which has been tightened without allowing for rotation about its axis is called - a. Core Protrusion b. Flattened portion c. Kink d. Waviness	c
247.	Warning device (s) that help (s) bring attention to people in the area of the crane being in operation- a. manually operated gong b. power-operated bell, siren, or horn c. rotating beacon & strobe light d. all of above.	d
248.	Hand signals during operation are used when – a. when operator is deaf. b. voice communications cannot be heard.	b

	c. when rigger is dumb. d. none of above.	
249.	Cranes shall be operated only by the following qualified persons: a. designated persons b. trainees under the direct supervision of a designated person c. maintenance and test personnel. d. any of above	d
250.	_____ is used to douse general fire? a. Fire extinguisher. b. Life Guard. c. Alcohol. d. Air blowing.	a
251.	Overhead lifting devices built on order must be? a. stamped by a professional engineer (P.E). b. built by a qualified fabricator. c. tested to 125% of intended capacity. d. all of above.	d
252.	The most effective way to improve safety in vast organization like Railways is to – a. Ignore small acts of negligence by the staff. b. Annual checking of records. c. Educate the staff at all levels regarding safe practices. d. Punishing defaulting staff.	c
253.	The minimum recommended sling angle is? a. 30 degrees. b. 45 degrees. c. 60 degrees. d. Sling angles are not recommended.	a
254.	Before a rigger can select the length & capacity of slings needed to lift a load, what two things must he know about the load. a. Height, Manufacturer. b. Weight, Centre of Gravity. c. Color, Designated pick points. d. None of the above.	b
255.	What is the name of PPE item which is used by Rigger during working to protect his head. a. Cap b. Helmet c. Handkerchief. None of the above	b
256.	What is name of PPE which is used by rigger during working to protect his foot. a. Sports Shoes. b. Industrial Safety shoes. c. Slippers. d. None of the above.	b

257.	Which grade of chain is only acceptable type for use in chain slings. a. High Test G4 b. Alloy G-8 c. Proof Coil G-3 None of the above	b
258.	What is name of PPE which is used by rigger during working to protect his hands. a. Industrial Hand Gloves. b. Winter gloves. c. Protective cloth. d. Not required	a
259.	What sling material shall not be used during acidic working conditions. a. Nylon b. Chain c. Wire Rope d. None of the above.	a
260.	Chain slings_____ to lift the heavy load. a. always should be used. b. never should be used. c. sometimes to be used. d. none of these.	a
261.	From what material are shackles made from. a. Concrete b. Iron c. Forged steel d. Aluminium	c
262.	A _____ is a device that attaches the load to the crane snatch block hook. a. Sling b. Motor. c. Hoist. d. None of the above.	a
263.	Which of the following defects is a cause for removing a wire rope from service. a. Excessive broken wires. b. Too shiny. c. 1% reduced dia. d. none of these	a
264.	Rigger should normally warn the persons, working/standing in the bay of crane movement by a. whistling. b. pushing them away. c. calling on mobile phone. d. hooting by mouth.	a
265.	What equipments for warning should a Rigger have- a. Whistle. b. Mobile Phone. c. Laptop. d. None of above.	a
266.	At a time Crane Driver should accept signal from – a. All riggers at site. b. Only rigger engaged with his crane. c. Anybody working at site. d. His supervisor only.	b
267.	Crane driver should accept Emergency stop from a. all riggers at site.	c

	<ul style="list-style-type: none"> b. only rigger engaged with his crane. c. anybody working at site. d. his supervisor only. 	
268.	<p>Reject the sling if there is</p> <ul style="list-style-type: none"> a. sign of kinking, crushing, bird caging or any other damage. b. evidence of heat damage c. any end attachments cracked, deformed or worn d. all of above. 	d
269.	<p>Reject the sling if normal throat opening of its hook has expanded by-</p> <ul style="list-style-type: none"> a. 5% b. 10 % c. more than 10 % d. none. 	c
270.	<p>What precaution should be taken to lift a lengthy load.</p> <ul style="list-style-type: none"> a. hooks of sling with multi legs should be directly engaged at different location on the load. b. spread bar should be used to engage hooks of multi leg slings at suitable loading points of the load. c. spread bar should be used to engage directly the load. d. none of the above. 	b
271.	<p>What precautions should be taken to save sling from damage likely to be caused by sharp edges of load.</p> <ul style="list-style-type: none"> a. use a wooden packing. b. use rubber packing. c. use cloth packing d. none of the above. 	a
272.	<p>What are the signs of overloading of wire rope sling</p> <ul style="list-style-type: none"> a. opening up, distortion or cracking of the hook. b. distortion and wear of links or closing of thimble. c. (a) & (b) above. d. none of above. 	c
273.	<p>What precautions should be taken by Rigger after completion of load lifting work to protect slings from damages.</p> <ul style="list-style-type: none"> a. clean the sling & check for damage. b. follow proper storage rules & leave in proper condition for next lift, c. don't wait to report damaged or defective slings & follow proper disposal or replacement procedures. d. all of above. 	d
274.	<p>What are the defects sufficient to reject a Polyester Web sling</p> <ul style="list-style-type: none"> a. acid or caustic burns b. melting or charring of the sling surface. c. snags, tears or cuts d. all of above. 	d
275.	<p>What are the defects sufficient to reject Alloy Steel Chain Slings</p> <ul style="list-style-type: none"> a. defective or questionable welds b. missing or removed id tags c. any end attachments cracked, deformed or worn d. all of above. 	d
276.	<p>To which motion of crane, the under mentioned signal pertains:</p> <ul style="list-style-type: none"> • Fore arm vertical, Forefinger pointing up & move hand in small horizontal circular motion. a. emergency stop 	b

	<ul style="list-style-type: none"> b. hoist load. c. lower load. d. none of above. 	
277.	<p>While lifting component from machine table, which motion of hoist should be used to ensure safety.</p> <ul style="list-style-type: none"> a. fast motion b. micro motion c. L.T. motion d. C.T. motion 	b
278.	<p>What is full form of abbreviation L.T., pertaining to E.O.T. crane</p> <ul style="list-style-type: none"> a. Limited Travel b. Longitudinal Travel c. Long Travel d. Lengthy Travel 	b
279.	<p>What is full form of abbreviation C.T., pertaining to E.O.T. crane</p> <ul style="list-style-type: none"> a. Complete travel b. Common Travel c. Close Travel d. Cross Travel. 	d
280.	<p>What is full form of abbreviation A.H., pertaining to E.O.T. crane</p> <ul style="list-style-type: none"> a. Additional handle b. Auxiliary Hoist c. Additional Hoist d. None. 	b
281.	<p>What precaution should be taken to avoid jerks during hoisting of load with crane</p> <ul style="list-style-type: none"> a. hook of snatch block of crane should be centered vertically on cg of the load b. hook of snatch block of crane should be used for taper lifting of the load. c. all legs of the sling should be unequal in length. d. none of the above 	a
282.	<p>. Rigger must know the contact number of Safety Officer of PLW.</p> <ul style="list-style-type: none"> a. yes b. not required. c. may be. d. none of above 	a
283.	<p>Rigger must know the contact number of Ambulance of PLW.</p> <ul style="list-style-type: none"> a. yes b. not required. c. may be. d. none of above. 	a
284.	<p>Hand signals during operation are used when –</p> <ul style="list-style-type: none"> a. when operator is deaf. b. voice communications cannot be heard. c. when rigger is dumb. d. none of above. 	b
285.	<p>What is the hand signal to raise the boom of a mobile crane?</p> <ul style="list-style-type: none"> a. Thumb up, clenched fist. b. Index finger up c. Two hands, thumbs pointing toward each other, clenched fists. 	a

	d. None of above	
286.	<p>Cranes shall be operated only by the following qualified persons:</p> <ul style="list-style-type: none"> a. designated persons b. trainees under the direct supervision of a designated person c. Maintenance and test personnel. d. any of above. 	d
287.	<p>In which financial year Railway Budget merged with General Budget.</p> <ul style="list-style-type: none"> a. 2017-18 b. 2016-17 c. 2019-20 d. 2015-16 	a
288.	<p>Canon of financial propriety is mentioned in which code/manual?</p> <ul style="list-style-type: none"> a. Indian Railway Finance Code Vol-I b. Indian Railway Finance Code Vol-II c. Indian Railway Codes for Accounts Deptt.Vol-I d. Indian Railway Codes for Accounts Deptt.-II 	a
289.	<p>Who is Chief HoD of Accounts Department in Zonal Railways?</p> <ul style="list-style-type: none"> a.Principal Financial Advisor b. Financial Advisor & Chief Accounts c. Officer Member Finance d. Controller General of Accounts 	a
290.	<p>4.Full form of AIMS in Railways</p> <ul style="list-style-type: none"> a. Accounts Information Management System Audit b. Information Management System Annual c. Information Management Source Accounting d. Information Management Source 	a
291.	<p>5.Classification of Accounts of Expenditure and Revenue mentioned in :-</p> <ul style="list-style-type: none"> (a) Indian Railway Finance Code Vol-II (b)Indian Railway Code for Accounts Deptt.-II (c)Indian Railway Code for Accounts Deptt.-I (d) Indian Railway Finance Code Vol-I 	a
292.	<p>6.Full form EMD in Tender/Contract cases.</p> <ul style="list-style-type: none"> (a) Earnest Money Deposit (b) Earnest Money Dues (c) Earning Money Deposit (d) Earnest Money Demand 	a
293.	<p>7.Full form of LC in case of Stores contract?</p> <ul style="list-style-type: none"> (a) Letter of Credit (b) Letter of Certificate (c) Loan Credit (d) Letter for clearance 	a
294.	<p>8. How many types of Revenue earnings classified in Indian Railways?</p> <ul style="list-style-type: none"> (a) 03 (X-Passenger, Y-Coaching and Z-Sundry) (b) 01 (c) 02 (d) 05 	a
295.	<p>9.Purpose of Route Card in Railway Workshops Authority to manufacture.</p> <ul style="list-style-type: none"> (a) To draw material (b) To accept the job (c) Stores in Transit 	a

296.	10.Proforma for Gate Attendance Card is as per (a) IS 24 (b) IS 9 (c) IS 2 (d) IS 3	a
297.	11.Which advance is still in available for Railway official in Indian Railways (a) House Building Advance (b) Cycle Advance Festival Advance (c) Scooter/Motor Cycle Advance	a
298.	12. Where is Indian Railway Institute of Finance Management situated (a) Secunderabad (b)Mumbai (c) Vadodara (d) Lucknow	a
299.	13.Full form of DRF (a) Depreciation Reserve Fund (b) Departmental Reserve Fund (c) Division Reserve Fund (d) Depot Reserve Fund	a
300.	14. Who is the Head of Govt. Accounting System in India. (a) Controller General of Accounts (b) Principal Financial (c) Advisor Member (Finance) (d) Principal Chief Controller of Accounts	a
301.	15. Full form of WMS (a) Workshop Manufacturing Suspense (b) Works Management System (c) Worker's Management System (d) Working Manufacturing System	a
302.	16. What is the maximum rate of GST in India? a. 28% b. 18% c. 38% b. (d) 26%	A
303.	ANSI B30.9 inspection frequency requires? a. Initial inspection upon purchase before use b. Daily inspection before use c. Periodic inspection not to exceed one year d. All of above.	d
304.	Write-off of losses of stores, tools, and plant costing up to Rupees 1000/- can be sanctioned by – a) SSE b) AWM c) WM d) Dy. CME	d
305.	Privilege Pass/P.T.Os are admissible when a staff is on a) Any kind of leave b) Only extra ordinary leave c) Only study leave d) Only special disability leave	a
306.	Transfer of railway quarters from one department to another can be approved	d

	by a) AWM b) WM c) Dy. HOD d) PCME	
307.	83. The materials which exhibit the same elastic properties in all directions are called a) homogeneous b) inelastic c) isotropic d) isentropic	c
308.	The term 'value' in value engineering refers to a) selling price of the product b) utility of the product c) manufactured cost of the product d) Profit	b
309.	Maintenance consist of the following action(s) a) Replace of component b) Repair of component c) Service of component d) All of the above	d
310.	DMW purchases electrical energy from a) PSPCL as single point supply. b) Railway Board, New Delhi c) Directly from NTPC d) None of the above	a
311.	How tight do you tighten a screw pin shackle? a. Hand tight and back off ¼ turn. b. Hand tight and back off ½ turn. c. Minimum of hand tight with pin fully engaged. d. None of the above	d
312.	Which one of the following thread forms on nuts and bolts is meant for general fastening purposes? (a) V' threads (b) Square Threads (c) Acme threads(d) Knuckle threads	a
313.	"Jambo" is the nick name of an Indian cricketer _____ a.. Harbhajan b.. Kapil dev c. Anil Kumbale d. None of these	c
314.	Who gave the slogan "Jai Jawan Jai Kisan"? a.. Mrs. Indira Gandhi b. Pt. Jawahar lal Nehru c. Lal bahadur shashtri d. None of these	c
315.	Maximum Commutation of Pension is	c

	(a) 25% (b) 30% (c) 40% (d) 50%	
316.	Types of cranes used in PLW a) EOT, b) Pillar, c) Both a & b d) Non of these.	c
317.	_____ Form is issued to nominate Investigating Officer. A.	(SF-7)
318.	SF.11(B) form is used for _____?	(Minor penalty)
319.	Period for appeal under DAR rules is _____ days	. (45 days)
320.	_____ & _____ forms are used for issuing Major & Minor Penalty charge sheets respectively?	(SF 5 and SF 11)
321.	Minor penalty can be given on issuing of SF-5.	(True)
322.	Date of effect of DAR?	(1st Oct 1968)
323.	Employee removed from service can be issued pass for personal interview by appellate authority	. (True)
324.	Suspension comes under Rule No. 5 of DAR.	(True)
325.	Suspension is a penalty.	(False)
326.	Is D&AR applicable for apprentices?	(NO)
327.	Promotion be done during the penalties of withholding of Privilege Passes & PTO?	(Yes)
328.	Under which Rule of DAR is Enquiry officer nominated?	(Rule-9)
329.	Under whose signature if SF-3 issued?	(Suspended Employee).
330.	For what purpose is SF-3 used?	(Claiming Subsistence Allowance)
331.	What does SF-3 show?	(Certificate of Suspended employee that he is unemployed)
332.	Whether Suspension is a punishment?	(No)
333.	What is the standard form used for Suspension?	(SF-1)
334.	What is the standard form used for Deemed Suspension?	(SF-2)

RAJBHASHA QUESTIONS

प्र.(1) राजभाषा अधिनियम में कुल कितनी धारायें हैं

(क) 7 (ख) 8 (ग) **9** (घ) 10

प्र.(2) संविधान के किस अनुच्छेद के अनुसार हिन्दी) संघ की राजभाषा है?

(क) **343(1)**

(ख) 343(2)

(ग) 343(3)

(घ) 344(1)

प्र.(3) संविधान के किन्हीं अनुच्छेदों में राजभाषा का उल्लेख है?

(क) 120 (ख) 210 (ग) 343 से 351 (घ) सभी

प्र.(4) राजभाषा आयोग का गठन कब हुआ?

(क) 1976 (ख) **1955** (ग) 1950 (घ) 1963

प्र.(5) धारा 3(3) के अनुसार कितने दस्तावेजों को द्विभाषी रूप में जारी करना अनिवार्य है?

(क) 10 (ख) 12 (ग) **14** (घ) 16

प्र.(6) राजभाषा सूचनाओं की कुल संख्या कितनी है?

(क) 9 (ख) 10 (ग) 11 (घ) **12**

प्र.(7) अपने द्वारा लिखे गए दस्तावेजों में से कौन से दस्तावेज द्विभाषी रूप में जारी करना अनिवार्य है?

(क) सामान्य आदेश (ख) संकल्प

(ग) अभिनय्य (घ) सभी

प्र.(8) निम्नलिखित दस्तावेजों में से कौन से दस्तावेज धारा 3(3) के तहत सबसे पहले दस्तावेजों में से कौन दस्ता आता है

(क) करार

(ख) प्रेस विज्ञापितयं

(ग) निविदा सूचना

(घ) कोई नहीं

प्र.(9) राजभाषा विभाग किस मंत्रालय के अंतर्गत आता है?

(क) गृह

(ख) विदेश

(ग) विज्ञान एवं प्रौद्योगिकी

(घ) सूचना एवं प्रसारण

प्र.(10) पार्टनरशिप के लिए राजभाषा विभाग अनुबंध वार्षिक कार्यक्रम जारी करता है?

(क) राजभाषा नियम, 1976

(ख) राजभाषा अधिनियम 1963

(ग) राजभाषा संकल्प, 1968

(घ) अनुच्छेद 343

प्र.(11) अंतर्राष्ट्रीय संधियों और करारों की भाषा में तैयार किया जाना चाहिए?

(क) हिन्दीय

(ख) अंग्रेजी

(ग) हिंदीक या अंग्रेजी

(घ) हिंदी और अंग्रेजी दोनों

प्र.(12) नगर राजभाषा कार्य समिति की वर्ष में कितनी बैठकें होने वाली हैं?

(क) 2 (ख) 3 (ग) 4 (घ) 1

प्र.(13) विदेश में स्थित भारतीय दूतवासों में कितने प्रतिशत कार्य हिन्दी में भुगतान किया जाना चाहिए?

(क) 50 प्रतिशत

(ख) 100 प्रतिशत

(ग) 30 प्रतिशत

(घ) 75 प्रतिशत

प्र.(14) कितने प्रतिशत कर्मियों को हिंदी का कार्यसाधक ज्ञान होने पर कार्यालय को राजभाषा नियमन के लिए जाना जाता है?

(क) 80 प्रतिशत

(ख) 100 प्रतिशत

(ग) 50 प्रतिशत

(घ) 75 प्रतिशत

प्र.(15) संविधान की आठवीं अनुसूची में हिन्दी का क्या स्थान है?

(क) 7 वाँ (ख) 6 वाँ (ग) 5 वाँ (घ) 8 वाँ

प्र.(16) राजभाषा दिवस कब मनाया जाता है ?

(क) 28 सितंबर

(ख) 14 अगस्त

(ग) 14 सितंबर

(घ) 14 अक्टूबर

प्र.(17) राजभाषा विभाग का गठन कब किया गया ?

(क) 1975 (ख) 1963 (ग) 1968 (घ) 1950

प्र.(18) इनमें से कौन भाषा के संविधान की 8वीं अनुसूची में नहीं है?

(क) मैथिली (ख) सिंधी (ग) अंग्रेजी (घ) नेपाली

प्र.(19) संविधान के किस अनुच्छेद में हिंदी भाषा के विकास के लिए निर्देशित किए गए हैं?

(क) 351 (ख) 343 (ग) 344 (घ) 350

प्र.(20) राजभाषा अधिनियम की कौन सी धारायें जम्मूकश्मीर राज्य पर लागू नहीं होती है?

(क) 3 और 4 (ख) 4 और 5 (ग) 6 और 7 (घ) 7 और 8

प्र.(21) राजभाषा नियम 1976 को अनुप्रमाणित किया गया?

(क) 1987 (ख) 2007 (ग) 2011 (घ) ऊपर सभी

प्र.(22) हिन्दी सलाहकार समिति की कम से कम कितनी बैठकें होने वाली हैं?

(क) एक (ख) दो (ग) तीन (घ) चार

प्र.(23) कार्यालय के राजभाषा कार्यान्वयन समिति की कितनी बैठकें होती हैं?

(क) चार (ख) तीन (ग) दो (घ) एक

प्र.(24) संविधान के किस अनुच्छेद के तहत राजभाषा आयोग एवं मंडल राजभाषा समिति का गठन किया जाता है?

(क) 344 (ख) 343 (ग) 345 (घ) 346

प्र.(25) राजभाषा के किस नियम के अनुसार हिन्दी में प्राप्त पत्रादि के उत्तर और हिन्दी में दिये जाने चाहिए?

(क) नियम-2 (ख) नियम-3 (ग) नियम-4 (घ) नियम-5

प्र.(26) हिन्दी सलाहकार समिति में गैर-सरकारी सदस्यों की अधिकतम संख्या कितनी हो सकती है?

(क) 14 (ख) 15 (ग) 13 (घ) 12

प्र.(27) हिन्दी सलाहकार समिति का कार्यकाल कितने वर्ष का होता है?

(क) 3 साल (ख) 2 साल (ग) 1 साल (घ) 5 साल

प्र.(28) केन्द्रीय सरकार के अधिकार कार्यालय होने पर नगर राजभाषा कार्यव्यन समिति का गठन किया गया है?

(क) 20 (ख) 50 (ग) 10 (घ) 100

प्र.(29) संविधान की आठवीं अनुसूची में पहली भाषा कौन सी है?

(क) असमिया (ख) महला (ग) उड़िया (घ) हिन्दी

प्र.(30) संविधान के किस भाग में राजभाषा का संदर्भ मिलता है?

(क) भाग-5 (ख) भाग-6 (ग) भाग-17 (घ) सभी

प्र.(31) संविधान का अनुच्छेद 210(1) किस राज्य पर लागू नहीं होता है?

(क) जम्मू कश्मीर (ख) तमिलनाडू (ग) मणिपुर (घ) केरल

प्र.(32) संसदीय राजभाषा समिति में लोकसभा के कितने सदस्य होते हैं?

(क) 10 (ख) 30 (ग) 20 (घ) 15

प्र.(33) संसदीय राजभाषा समिति में राज्य सभा के कितने सदस्य होते हैं?

(क) 5 (ख) 30 (ग) 20 (घ) 10

प्र.(34) हिन्दी को राजभाषा के रूप में कब स्वीकार किया गया ?

(क) 14 सितम्बर, 1949

(ख) 15 अगस्त, 1947

(ग) 26 जनवरी, 1950

(घ) 28 सितम्बर, 1952

प्र.(35) संविधान की आठवीं अनुसूची में कुल कितनी भाषाओं का उल्लेख है?

(क) 18 (ख) 20 (ग) 22 (घ) 25

प्र.(36) राजभाषा नियम 1976 के नियम-5 के अनुसार हिन्दी में हस्ताक्षरित पत्रों का उत्तर किस भाषा में दिया जाना चाहिए?

(क) हिन्दी

(ख) अंग्रेजी

(ग) हिन्दी या अंग्रेजी

(घ) हिन्दी और अंग्रेजी दोनों

प्र.(37) राजभाषा अधिनियम की धारा-6 और धारा -7 किस राज्यो पर लागू नहीं है?

(क) तमिलनाडू (ख) जम्मू-कश्मीर (ग) सिक्किम (घ) गोआ

प्र.(38) राजभाषा संकल्प 1968 के किस सदन द्वारा पारित किया गया?

(क) लोकसभा (ख) राज्यसभा (ग) लोकसभा एवं राज्यसभा (घ) कोई नहीं

प्र.(39) राजभाषा नियम 1976 किस राज्य पर लागू नहीं हैं?

(क) कर्नाटक (ख) केरल (ग) आंध्रप्रदेश (घ) तमिलनाडू

प्र.(40) कोंकणी, मणिपुरी और नेपाली भाषायें कब आठवीं अनुसूची में शामिल की गई?

(क) 1992 (ख) 2004 (ग) 1967 (घ) 2010

प्र.(41) संविधान के किस अनुच्छेद के अनुसार हिन्दी संघ की राजभाषा है?

(क) 341 (ख) 343 (ग) 345 (घ) 348

प्र.(42) संविधान की आठवीं अनुसूची में अंतिम भाषा कौन-सी है?

(क) भोजपुरी (ख) अंग्रेजी (ग) हिन्दी (घ) उर्दू

प्र.(43) राजभाषा नियम किस वर्ष बनाये गए?

(क) 1987 (ख) 1976 (ग) 1963 (घ) 1967

प्र.(44) राजभाषा अधिनियम 1963 में संशोधन कब किया गया?

(क) 1967 (ख) 1976 (ग) 1987 (घ) 1968

प्र.(45) राजभाषा नियम-12 के अनुसार राजभाषा अधिनियम और उसके अधीन बनाये गए नियमों के उपबंधों का समुचित अनुपालन का उत्तरदायित्व किस पर होता है ?

- (क) राजभाषा प्रभारी
- (ख) राजभाषा प्रमुख
- (ग) प्रशासनिक प्रमुख
- (घ) राजभाषा अधिकारी

प्र.(46) संविधान के अनुच्छेद 348 के अनुसार उच्चतम न्यायालय एवं उच्च न्यायालयों में कार्यवाही किस भाषा में होगी?

- (क) केवल हिन्दी
- (ख) केवल अंग्रेजी
- (ग) हिन्दी और अंग्रेजी दोनों
- (घ) हिन्दी या अंग्रेजी

प्र.(47) बोलने वालों की संख्या के अनुसार विश्व में किस भाषा का दूसरा स्थान है?

- (क) अंग्रेजी
- (ख) हिन्दी
- (ग) चीनी
- (घ) रूसी

प्र.(48) राजभाषा अधिनियम कब लागू हुआ?

- (क) 1963
- (ख) 1967
- (ग) 1976
- (घ) 1987

प्र.(49) राजभाषा नियम कब लागू हुए?

- (क) 1967
- (ख) 1968
- (ग) 1976
- (घ) 1963

प्र. (50) संसदीय राजभाषा समिति के सदस्य कौन होते हैं?

- (क) लोकसभा के सदस्य
- (ख) राज्यसभा के सदस्य
- (ग) लोकसभा और राज्यसभा के सदस्य
- (घ) राज्य विधानमण्डल के सदस्य

प्र.(51) राजभाषा के प्रयोग के संदर्भ में कौन-सा राज्य क्षेत्र 'ख' में आता है ?

- (क) गुजरात
- (ख) महाराष्ट्र
- (ग) पंजाब
- (घ) इनमें सभी

प्र.(52) नगर राजभाषा कार्यान्वयन समिति की वर्ष में कितनी बैठकें होनी चाहिए?

- (क) 3
- (ख) 1
- (ग) 2
- (घ) 4

प्र.(53) राजभाषा के प्रयोग के संदर्भ में कौन-सा राज्य/संघ क्षेत्र 'क' में नहीं है?

- (क) उत्तराखण्ड
- (ख) छत्तीसगढ़

(ग) हरियाणा

(घ) चण्डीगढ़

प्र.(54) संसदीय राजभाषा समिति में कुल कितने सदस्य होते हैं?

(क) 30

(ख) 20

(ग) 10

(घ) 5

प्र.(55) संसदीय राजभाषा समिति अपना प्रतिवेदन किसे प्रस्तुत करती है?

(क) प्रधानमंत्री

(ख) राष्ट्रपति

(ग) गृह मंत्री

(घ) उपराष्ट्रपति

प्र.(56) राजभाषा आयोग अपनी सिफारिशें किसे प्रस्तुत करती हैं?

(क) प्रधानमंत्री

(ख) राष्ट्रपति

(ग) गृहमंत्री

(घ) उपराष्ट्रपति

प्र.(57) जर्नल और मानक संदर्भ पुस्तकों को छोड़कर पुस्तकालय के कुल अनुदान का कितना प्रतिशत हिन्दी पुस्तकों की

खरीद पर खर्च किया जा सकता है?

(क) 25 प्रतिशत

(ख) 75 प्रतिशत

(ग) 100 प्रतिशत

(घ) 50 प्रतिशत

प्र.(58) अभी तक संसदीय राजभाषा समिति की रिपोर्ट कितने खण्डों में जारी हो चुकी हैं?

(क) 9

(ख) 8

(ग) 7

(घ) 6

प्र.(59) संसदीय राजभाषा समिति का 9वां प्रतिवेदन कब जारी हुआ?

(क) 2012

(ख) 2011

(ग) 2010

(घ) 2009

प्र.(60) संसदीय राजभाषा समिति के कितने प्रतिवेदनों पर राष्ट्रपति के आदेश जारी हो चुके हैं?

(क) आठ

(ख) सात

(ग) नौ

(घ) छह

प्र.(61) राजभाषा आयोग का गठन कौन करता है?

(क) उप- राष्ट्र पति

- (ख) गृहमंत्री
(ग) प्रधानमंत्री
(घ) राष्ट्रपति

प्र. (62) राजभाषा अधिनियम की धारा 4(3) के अंतर्गत संसदीय राजभाषा समिति का प्रतिवेदन संसद के किस सदन में रखा

जाता है?

- (क) लोक सभा में
(ख) राज्या सभा में
(ग) दोनों सदन में

(घ) किसी एक सदन में

प्र. (63) पहला राजभाषा आयोग कब गठित हुआ?

- (क) 1950
(ख) 1955
(ग) 1960
(घ) 1965

प्र. (64) राजभाषा नियम के अनुसार हिन्दी के प्रयोग की दृष्टि से राज्यों एवं संघ क्षेत्रों को कितने क्षेत्रों में बांटा गया है?

- (क) एक
(ख) दो
(ग) तीन
(घ) चार

Rajbhasha Answers

1 (ग)	2(क)	3(घ)	4(ख)	5(ग)	6(घ)	7(घ)	8(घ)	9(क)	10(ग)
11(घ)	12(क)	13(ग)	14(क)	15(ख)	16(ग)	17(क)	18(ग)	19(क)	20(ग)
21(घ)	22(ख)	23(क)	24(क)	25(घ)	26(ख)	27(क)	28(ग)	29(क)	30(घ)
31(क)	32(ग)	33(घ)	34(क)	35(ग)	36(क)	37(ख)	38(ग)	39(घ)	40(क)
41(ख)	42(घ)	43(ख)	44(क)	45(ख)	46(क)	47(ख)	48(क)	49(ग)	50(ग)
51(घ)	52(ग)	53(घ)	54(क)	55(ख)	56(ख)	57(घ)	58(क)	59(ख)	60(क)
61(घ)	62(ग)	63(ख)	64(ग)						

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