Question bank for Crane driver and Rigger Grad –III

1. The employee that is responsible for balancing and securing the load to the hook, and will direct during the lift is called -

   a. Hoist Operator
   b. Rigger
   C. Crane Driver
   d. Works Manager

2. Day-to-Day inspections should include:

   a. Inspect the wire rope for abnormalities and/or damage.
   b. Inspect the block and hook for any cracks or damage.
   c. Visually inspect limit switches for abnormalities and test for proper functionality.
   d. **all of above.**

3. Wire rope inspections include checking of -

   a. waviness
   b. basket/ lantern cage deformation (birdcage)
   c. core protrusion/ distortion
   d. **all of above.**

4. A portion /section of a rope is a section of the rope that has lost its circular form is called-

   a. core protrusion
   b. **flattened portion**
   c. **kink**
   d. none of above

5. Standard signal/Communication for moving Hoist upwards is -

   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. with shouting up and up.
   d. none of above.

6. Standard signal/Communication for moving Hoist downwards is -

   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. with shouting up and up.
   d. none of above

7. Standard Signal for Emergency stop is -

   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 arms extended, palms down, move arms back and forth horizontally.**

d. arm extended, palm down, move are back and forth horizontally.

8. Standard Signal to Move slowly is-

a. with arm extended downward, fore finger pointing down, move hand in small horizontal circle.
b. both arms extended, palms down, move arms back and forth horizontally.
c. arm extended, palm down, move are back and forth horizontally.
d. **use one hand to give any motion signal and place other hand motionless in front of hand giving the motion signal.**

9. Important factor (s) while attaching the load is-

a. use appropriate sling/hardware (work load limit)
b. sling angle
c. center of gravity alignment
d. **all of above.**

10. Safe Practices for Rigger include -

a. maintain line-of-sight with the operator.
b. stop the operation if comprehension is lost.
c. plan in advance where the load is going.
d. **all of above.**

11. Lifting Factors while handling the load include -

a. size, weight, and center of gravity of the load.
b. the rated capacity of the sling.
c. the number of sling legs & angle the sling makes with the horizontal line..
d. **all of above.**

12. Types of Rigging & Slings include -

a. wire rope & fibre rope.
b. synthetic web slings.
c. cargo nets
d. **all of above**

13. The use of two slings, each supporting the same amount of weight and having the same support angle results in

a. unequal distribution of the load weight.
b. **equal distribution of the load weight.**
c. depends upon type of slings.
d. none of the above

14. How tight do you tighten a screw pin shackle?

a. hand tight and back off¼ turn.
b. hand tight and back off½ turn.
c. **minimum of hand tight with pin fully engaged.**
none of the above

15. Protecting slings are used for -

a. protecting the rigger.
b. protecting slings against sharp edges.
c. protecting the load.
d. none of above.

16. Maximum wear limitation of hooks and shackles is?

a. 5%.
b. 10%
C. 15%.
d. 20%

17. Which washer is used for locking?

a. Plain.
b. Locking.
C. Spring.
d. Round.

18. 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

19. 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.

20. If a load is to be slid on flat concrete floor, which of the following provide least friction.

a. Aluminium
b. Rubber
c. Wood
d. Steel

21. 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.**

22. 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.

23. A fibre wire rope will have breaking strength than independent material wire rope.

a. more
b. **less**
c. same
d. none of above

24. 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.

25. How does a Rigger signals to other crew members.

a. by hand signals.
b. by whistling.
c. by flags.
d. all of above.

26. Rigger uses chain slings to lift the heavy load.

a. no
b. sometimes.
c. **yes**
d. none of the above.

27. A rigger must not convey signals to crane driver for lifting load.

a. correct
b. **incorrect.**
c. sometimes.
d. a & c above

28. A Rigger while rigging must follow safety norms/requirements for safety.

a. in-correct.
b. never
c. **correct**
d. a & b above

29. A Rigger dismantles, clean & store rigging equipments

a. **yes.**
b. no need
c. not safe to do.
d. all of above.

30. Material of chain slings in DMW

a. stainless steel.
b. **alloy steel.**

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C. copper.
d. brass.

31. Material of wire rope slings in DMW

a. Stainless Steel.
b. **Alloy Steel.**
c. Copper.
d. Brass.

32. Wire rope sling is manufactured from

a. Jute.
b. Pipes.
C. Wires.
d. Balls.

33. Chain slings is manufactured from

a. Pipes
b. Wires
C. plates
d. Metallic rings

34. Rigger inspects chain slings before use daily for

a. wear out
b. cracks
c. breakage
d. **all of the above**

35. Rigger inspects wire ropes before use daily for

a. breakage of wire
b. kinking
c. wear out
d. all of the above

36. Should crane operator follow the signal of Rigger?

a. never.
b. sometimes.
c. always.
d. none of the above

37. Safe working limit of slings

a. defines 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.

38. Types of slings used in DMW are.

a. Chain slings
b. Wire rope slings.
c. Polyester web slings.
d. All of the above.

39. Should sling be protected against sharp edges.

a. must be protected.
b. no need to protect.
c. sling is strong enough & need no protection.
d. none of the above.

40. Can kinked wire rope be used.

a. yes.
b. no.
c. sometimes
d. a & c above.

41. Wire rope sling is rejected if,

a. diameter reduced to 99%.
b. diameter reduced to 98%.
c. diameter reduced to 97%.
d. diameter reduced to 90%.

42. Can wire rope sling be used if

a. one strand broken.
b. two strand broken.
c. three strand broken.
d. can never be used even if one strand is broken.

43. Whether deformed wire rope sling can be used.

a. never be used.
b. can be used.
c. sometimes.
d. none of the above

44. Chain slings are tested & certified as per Factory act.

a. once a year.
b. daily.
c. weekly.
d. no need.

45. Annual testing of chain slings is done with load at ____

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a. 200 % of Safe Working Load.
b. 180% of Safe Working Load.
c. 150 % of Safe Working Load.
d. 125% of Safe Working Load.

46. Annual testing of tackles is done with load at

a. 200 % of Safe Working Load.
b. 180% of Safe Working Load.
c. 150 % of Safe Working Load.
d. 125% of Safe Working Load.

47. What will happen if the slings are put below the centre of gravity of load.

a. load will topple.
b. load will not topple.
c. it is safe.
d. none of the above.

48. Polyester web sling is removed from service when

a. cut or snag.
b. excessive wear.
c. missed identification.
d. any of the above.

49. Rigger must inspect the rigging equipment

a. daily before use.
b. weekly.
c. monthly.
d. not required.

50.. which measuring instrument will be used by Rigger to measure the diameter of wire rope sling

a. **Vernier Caliper.**
b. Scale.
c. Measuring Tape
d. any of the above.

51. Whether Rigger should use only those rigging equipments which are tagged by competent person after inspection

a. no
b. yes
c. depends on rigger's judgment.
d. none of the above.

52. 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.

53. 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.

54. 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.

55. Whether newly purchased sling/ rope can be used without test certificate.

a. never
b. yes
c. Supervisor can allow.
d. none of the above.

56. Can Rigger, rig a load whose approx. weight is not known.

a. **never**
b. yes
c. can be rigged.
d. (b) & (c) above.

57. 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.

58. 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

59. 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.**

60. Hand signals during operation are used when -

a. when operator is deaf.
b. **voice communications cannot be heard.**
c. when rigger is dumb.
d. none of above.

61. Cranes shall be operated only by the following qualified persons:

a. designated persons

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b. trainees under the direct supervision of a designated person
c. maintenance and test personnel.
d. **any of above.**

61. _____ is used to douse general fire?

a. Fire extinguisher.
b. Life Guard.
c. Alcohol.
d. Air blowing

63. 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.

64. What is meant by first-aid?

a. preliminary treatment of a victim by first aid-trained person before doctor.
b. first person available at site.
c. prepare a proper sequence of operations.
d. care of a victim after treatment by doctor.

65. 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.

66. The best way of avoiding accident is -

a. doin_g work leisurely.
b. adopting one's own methods.
c. observing safety rules related to job, machine and workplace.
d. using mobile phone.

67. 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

68. The minimum recommended sling angle is?

a. 30 degrees.
b. 45 degrees.
c. 60 degrees.

d. Sling angles are not recommended.

69. Which of the following group of properties enables the manufacture of chain hooks from wrought Iron.

a. Ductility, Malleability and Hardness.
b. Hardness, Toughness and Ductility.
c. Malleability, Ductility, and Toughness.
d. Hardness, toughness & Brittleness.

70. 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.

71. What is the name of PPE item which is used by Rigger during working to protect his head.

a. Cap
b. Helmet
c. Handkerchief.
d. None of the above.

72. 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.

73. 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
d. None of the above.

74. 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.

75. What sling material shall not be used during acidic working conditions.

a. Nylon
b. Chain
c. Wire Rope
d. None of the above.

76. Chain slings to lift the heavy load.

a. always should be used.
b. never should be used.

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c. sometimes to be used.
d. none of these.

77. From what material are shackles made from.

a. Concrete
b. Iron
c. Forged steel
d. Aluminium

78. 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.

79. 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.

80. 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.

81. What equipments for warning should a Rigger have-

a. Whistle.
b. Mobile Phone.
c. Laptop.
d. None of above.

82. 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.

83. Crane driver should accept Emergency stop from

a. all riggers at site.
b. only rigger engaged with his crane.
c. anybody working at site.
d. his supervisor only.

84. Reject the sling if there is

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.**

85. Reject the sling if normal throat opening of its hook has expanded by-

a. 5%
b. 10%
c. **more than 10** %
d. none.

86. What precaution should be taken to lift a lengthy load.

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.

87. What precautions should be taken to save sling from damage likely to be caused by sharp edges of load.

a. **use a wooden packing.**
b. use rubber packing.
c. use cloth packing
d. none of the above.

88. What are the signs of overloading of wire rope sling

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.

89. What precautions should be taken by Rigger after completion of load lifting work to protect slings from damages.

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.

90. What are the defects sufficient to reject a Polyester Web sling

a. acid or caustic burns
b. melting or charring of the sling surface.
c. snags, tears or cuts
d. **all of above.**

91. What are the defects sufficient to reject Alloy Steel Chain Slings

a. defective or questionable welds
b. missing or removed id tags
c. any end attachments cracked, deformed or worn
d. all of above.

92. What is full form of abbreviation SWL, pertaining to slings

a. Scheduled Work Load
b. Special Work Load
c. Standard Work Load
d. Safe Working Load.

93. To which motion of crane, the under mentioned signal pertains:

- Fore arm vertical, Forefinger pointing up & move hand in small horizontal circular motion.

a. emergency stop
b. hoist load.
c. lower load.
d. none of above.

94. While lifting component from machine table, which motion of hoist should be used to ensure safety.

a. fast motion
b. micro motion
C. L.T. motion
d. C.T. motion

95. What is full form of abbreviation L.T., pertaining to E.O.T. crane

a. Limited Travel
b. Longitudinal Travel
c. Long Travel
d. Lengthy Travel

96. What is full form of abbreviation C.T., pertaining to E.O.T. crane

a. Complete travel
b. Common Travel
c. Close Travel
d. Cross Travel.

97. What is full form of abbreviation A.H., pertaining to E.O.T. crane

a. Additional handle
b. **Auxiliary Hoist**
c. Additional Hoist
d. None.

98. What precaution should be taken to avoid jerks during hoisting of load with crane

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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

99. Rigger must know the contact number of Safety Officer of DMW.

a. **yes**
b. not required.
C. may be.
d. none of above

100. Rigger must know the contact number of Ambulance of DMW.

a. **yes**
b. not required.
C. may be.
d. none of above.

101. An overhead crane that consists of parallel runways with a travelling bridge is called —

1. Gantry Crane
2. **Bridge Crane**
3. Road Mobile Crane
4. Monorail Crane

102. A type of crane where a horizontal beam extends to lift and move a load along the beam is —

1. Road Mobile crane
2. **Monorail Crane**
3. Jib Crane
4. Bridge Crane

103. What is the hand signal to raise the boom of a mobile crane?

1. Thumb up, clenched fist.
2. Index finger up
3. Two hands, thumbs pointing toward each other, clenched fists.
4. None of above

102. for a load is to be winched across a flat concrete floor, it should be placed on a skid which has on its underneath side to provide the *least* friction.

1. Aluminum.
2. **Wood**
3. Steel
4. Rubber.

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104. What is the maximum line pull for a 5-ton snatch block?

1. **2.5 Ton**
2. 10 Ton
3. 5 Ton
4. 15 Ton

105. Cranes that have been sitting idle for a period f 1 year or more, should have-

1. Changing of all motion parts before entering service.
2. No inspection.
3. **Periodic Inspection before entering service.**
4. None of above.

106. Communication for moving Hoist upwards is -

1. **With forearm vertical, fore finger pointing up, move hand in small horizontal circle.**
2. With arm extended downward, fore finger pointing down, move hand in small horizontal circle.
3. With Shouting up and *up*
4. None of above.

107. Communication for moving Hoist downwards is -

1. With forearm vertical, fore finger pointing up, move hand in small horizontal circle.
2. With arm **extended downward,** fore **finger pointing down, move** hand in small **horizontal circle.**
3. With Shouting up and up.
4. None of above.

108. Standard Signal for **Emergency stop** is —

1. With forearm vertical, fore finger pointing up, move hand in small horizontal circle.
2. With arm extended downward, fore finger pointing down, move hand in small horizontal circle.
3. **Both arms extended, palms down, move *arms* back and forth horizontally.**
4. Arm extended, palm up, move arm back and forth horizontally.

109. Standard Signal **to Move slowly** is-

1. With arm extended downward, fore finger pointing down, move hand in small horizontal circle.
2. Both arms extended, palms down, move arms back and forth horizontally.
3. Arm folded, palm down, move are back and forth horizontally.
4. **Use one** hand **to give any motion signal and place other hand motionless in front of** hand **giving the motion signal.**

110. A type of crane that is built upon a bridge-like overhead structure is-

1. Jib Crane.
2. **Gantry Crane.**
3. Road Mobile Crane.
4. Rubber Tyre Gantry.

111. Preventive Maintenance is

1. **maintenance that is conducted before an issue is identified.**
2. maintenance that is conducted after an issue is identified"
3. maintenance that is conducted afier accident.
4. none of the above.

112. Cranes shall be operated only by the following qualified persons:

1. **designated persons**
2. trainees under the direct supervision of a designated person
3. maintenance and test personnel.
4. Any of above.

113. A crane that is shutdown for various reasons should be

1. **locked out and tagged out.**
2. sold out.
3. kept open.
4. painted black.

114. Load markings are posted on

1. **All sides of the crane and on the hoist block.**
2. Workshop notice board.
3. main gate of workshop
4. maintenance register.

115. The employee that uses the hoist to lift, lower, and move a load by means of an overhead crane.

1. **Hoist operator**
2. Assistant Works Manager
3. Safety officer
4. Supervisor

116. The employee that is responsible for balancing and securing the load to the hook, and will direct during the lift is called —

1. Hoist Operator
2. **Rigger**
3. Crane Driver
4. Works Manager

117. Day-to-Day inspections should include:

1. inspect the wire rope for abnormalities and/or damage.
2. inspect the block and hook for any cracks or damage.
3. visually inspect limit switches for abnormalities and test for proper functionality.
4. **all of above.**

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1. core protrusion
2. **flattened portion**
3. kink
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2. Pipes.
3. **Wires.**
4. *Balls.*

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3. Plates
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2. sometimes.
3. **always.**
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2. is the limit at which slings are tested.
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4. none of the above.

137. Whether slings & ropes can be used whose due date of testing has expired.

1. can be used always.
2. can be used up to one month after expiry.
3. **never be used**.
4. none of the above.

138. Whether newly purchased sling / rope can be used without test certificate.

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2. yes
3. Supervisor can allow.
4. none of the above.

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1. **Fire extinguisher.**
2. Life Guard.
3. Alcohol.
4. Air blowing.

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1. stamped by a professional engineer (P.E).
2. built by a qualified fabricator.

3. tested to 125% of intended capacity.
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1. **preliminary treatment of a victim by first aid-trained person before doctor.**
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3. prepare a proper sequence of operations.
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1. ignore small acts of negligence by the staff.
2. annual checking of records.
3. **educate the staff at** all levels **regarding safe practices.**
4. punishing defaulting staff.

145. The best way of avoiding accident is —

1. doing work leisurely.
2. adopting one's own methods.
3. **observing safety rules related to job, machine and workplace.**
4. using mobile phone.

146. What is name of PPE which is used by Crane Driver during working to protect his foot.

1. Sports Shoes.
2. **Industrial Safety shoes.**
3. Slippers.
4. None of the above.

147. At a time Crane Driver should accept signal from —

1. all riggers at site.
2. **only rigger engaged with his crane.**
3. Anybody working at site.
4. his supervisor only.

148. Crane driver should accept Emergency stop from

1. all riggers at site.
2. only rigger engaged with his crane.
3. **anybody working at site.**
4. his supervisor only.

149. What precaution should be taken to lift a lengthy load.

1. hooks of sling with multi legs should be directly engaged at different location on the load.
2. **spread bar should be used to engage hooks of multi leg slings at suitable loading points of the load.**
3. spread bar should be used to engage directly the load.
4. none of the above.

150. What are the signs of overloading of wire rope sling
a. opening up, distortion or cracking of the hook.
b. distortion and wear of links or c|osing of thimble.
c. **(a) & (b) above.**
d. none of above.

151. To which motion of crane, the under mentioned signal pertains:

- Fore arm vertical, Forefinger pointing up & move hand in small horizontal circular motion.

a. emergency stop
b. hoist load.
c. lower load.
d. none of above.

152. While lifting component from machine table, which motion of hoist should be used to ensure safety.

1. fast motion
2. micro motion
3. L.T. motion
4. C.T. motion

153. What is full form of abbreviation L.T., pertaining to E.O.T. crane

1. Limited Travel
2. Longitudinal Travel
c Long Travel
d Lengthy Travel

154. What is full form of abbreviation C.T., pertaining to E.O.T. crane

1. Complete travel
2. Common Travel
3. Close Travel
4. Cross Travel.

155. What is full form of abbreviation A.H., pertaining to E.O.T. crane

1. Additional handle
2. Auxiliary Hoist
3. Additional Hoist
4. None.

156. Crane Driver must know the contact number of Safety Officer of DMW.

1. yes
2. not required.
3. may be.
4. none of above

157. Crane Driver must know the contact number of Ambulance Post of DMW.

1. yes
2. not required.
3. may be.
4. none of above.

158. What is the full form of E.O.T pertaining to Crane?

1. Emergency Operating Crane
2. Electrical Over bridge Crane
3. Electric Overhead Crane
4. None of above.

160 What is the full form of SWL pertaining to Crane?

5. Scheduled Work Load
6. **Safe Working Load**
7. Standard Work Load
8. None of the above

159. Which of the following does not affect the capacity of a wire rope sling?

1. Sling Angle
2. **Thimble in sling eye**
3. D/d Ratio
4. None of the above

160. To which motion of crane, the under mentioned signal pertains

- Arm downward, forefinger pointing down and move hand in small horizontal circular motion

1. Longitudinal Travel
2. Cross Travel
3. **Lower Load**
4. Hoist Load

161. To which motion of crane, the under mentioned signal pertains

+Rapid jerking, Hitch hiking motion in direction of travel.

1. Longitudinal Travel
2. **Cross Travel**
3. Lower Load
4. Hoist Load

162. To which motion of crane, the under mentioned signal pertains

- Arm extended, palm down & move arm sideways, rapidly back & forth

1. **Longitudinal Travel**
2. Cross Travel
3. Lower Load
4. Hoist Load

163. To which motion of crane, the under mentioned signal pertains

- Both arms extended, palms down & move both arms sideways rapidly back & forth.

1. Longitudinal Travel
2. **Emergency Stop**
3. Lower Load
4. Hoist Load

164. Over travelling of E.O.T crane in L.T Motion is controlled by —

1. Lever Type Safety Limit switch

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2. **Rotary Type Safety Limit switch**
3. Gravity Type Safety Limit switch
4. None of the above

165. Over travelling of E.0.T crane in C.T Motion is controlled by —

1. Lever Type Safety Limit switch
2. Rotary Type Safety Limit switch
3. **Gravity Type Safety Limit switch**
4. None of the above

166. Over travelling of E.0.T crane in Hoist Motion is controlled by —

1. Lever Type Safety Limit switch
2. **Rotary Type Safety Limit switch**
3. Gravity Type Safety Limit switch
4. None of the above

167. If Rotary Type Safety Limit switch fails, Over travelling of E.0.T crane in Hoist Motion is controlled by

1. Lever Type Safety Limit switch
2. Rotary Type Safety Limit switch
3. **Gravity Type Safety Limit switch**
4. None of the above

168. A large size Red Button is provided on electric panel in driver cabin of EOT Crane for-

1. Normal operation of crane
2. Switching OFF electrical supply of a particular motion
3. **Emergency Switching OFF electrical supply of whole crane**
4. None of the above

169. Actuation of Gravity Type Safety Limit switch of E.O.T. Crane facilitates:

1. Normal operation of crane
2. Switching OFF electrical supply of a particular motion
3. **Emergency Switching OFF electrical supply of whole crane**
4. None of the above

170. Giving electrical supply to electric motor of electro-hydraulic thruster brake for L.T Motion of EOT Crane, facilitates:

1. Stopping L.T Motion in particular direction
2. Stopping C.T Motion in particular direction'
3. **Open brakes and permit L.T I\Elation in particular direction**
4. None of the above

171. Giving electrical supply to electric motor of electro-hydraulic thruster brake for C.T Motion of EOT Crane, facilitates:

1. Stopping C.T Motion in particular direction

2. Stopping L.T Motion in particular direction
3. **Open brakes and permit C.T Motion in particular direction**
4. None of the above

172. Giving electrical supply to electric motor of electro-hydraulic thruster brake for Main Hoist of EOT Crane, facilitates:
    1. Stopping C.T Motion in particular direction
    2. Stopping L.T Motion in particular direction
    3. **Open brakes and permit motion of main hoist in particular direction**
    4. None of the above

173. What type of safety precautions should be taken by Crane driver while parking an E.O.T crane after completion of shift?
    1. Raise all hooks to- but not through- limit switches
    2. Place all controls in OFF position
    3. **All above**
    4. None of above

174. End stoppers on both ends of overhead gantry rails are provided for -
    1. Stopping over travel of C.T. of E.0.T crane in relevant direction
    2. **Stopping over travel of L.T. of E.0.T crane in relevant direction**
    3. Stopping over travel of Hoist of E.0.T crane in relevant direction
    4. None of the above

175. End stoppers on both ends of C.T. gantry rails of E.0.T crane are provided for -
    1. **Stopping over travel of C.T. of E.0.T crane in relevant direction**
    2. Stopping over travel of L.T. of E.0.T crane in relevant direction
    3. Stopping over travel of Hoist of E.0.T crane in relevant direction
    4. None of the above

176. What is the full form of abbreviation M.H., pertaining to E.O.T. Crane
    1. Material Handling
    2. Mini Hoist
    3. **Main Hoist**
    4. Main Handle

177. What is the full form of abbreviation A.H., pertaining to E.O.T. Crane
    1. Additional Handle
    2. **Auxiliary Hoist**
    3. Additional Hoist
    4. None

178. What precaution should be taken to avoid jerks during hoisting of load with Crane

1. **Hook of the snatch block of crane should be centered vertically on CG of the Load.**
2. Hook of the snatch block of crane should be used for taper lifting of the Load.
3. All legs of the sling should be unequal in length.
4. None of the above.

179. Driver should warn the persons, working/standing in the bay of crane movement, by sounding

1. Whistle
2. **Electric** bell of the crane
3. Hooting by mouth
4. None

180. What is the function of Oead Man Switch in Master Controller of EOT Crane?

1. **Crane will not move in any motion without pressing Dead man switch.**
2. Crane will move automatically without any operator.
3. L.T & C.T will work simultaneously.
4. None of above

181. Reject the sling if its hook found twisted from the plane of the unbent hook

1. 5%
2. 10%
3. 8%
4. **More than 15%**

182. What are the signs of overloading of wire rope sling?

1. Opening up, distortion or cracking of the hook
2. Distortion and wear of links or closing of thimble
3. **Both of above**
4. None of above

183. What are the defects sufficient to reject Alloy Steel Chain Slings?

1. Defective or questionable welds
2. Bending or elongation of chain links
3. Missing or removed identification tags
4. **All of above**

45,

184. Which of the following routine check should be done by Crane Driver at the start of each shift?

1. Operate empty hook till it actuates the upper limit switch
2. Operate hoist and trolley brakes, ensure smooth movement
3. **Both a & b above**
4. None of the above

185. Which of the following routine check should be done by Crane Driver at the start of each shift?

1. Check for twisted, broken or kinked cables or chains
2. Observe correct drum spooling as the hook is raised
3. Master controller is in rest /zero position
4. **All of the above**

186. Which of the following routine check should be done by Crane Driver at the start of each shift?

1. Inspect for deformed, cracked or stretched hooks
2. Inspect for serviceable safety latches
3. Check for oil leakages
4. **All of the above**

187. During Load testing of a Crane

1. The hoist, trolley and crane should be operated a number of times at various positions
2. The test load should be transported by the trolley and bridge over the full length of the crane
3. To ensure that Safe working load lift.
4. **All of the above**

188. What type of check should be conducted by Crane Driver before driving an E.O.T. Crane?

1. Ensure all emergency disconnects are known
2. Inspect all electrical controls for proper operation
3. **Both of a & b above**
4. None of the above

189. What type of preventive measures should be taken by Crane driver while driving E.O.T crane?

1. Never allow co-worker between a fixed object and a load
2. Always ensure that load being lifted is not more than Safe Working Load of the Crane
3. Always position hook of the Crane directly over load before lifting
4. **All of above**

190. What are the safe working rules for safety in driving an E.O.T. Crane?

1. Always keep suspended loads clear of employees
2. Always keep suspended loads clear of all obstructions
3. Follow the instructions of Rigger attached with crane
4. **All of above**

191. What are the safe working rules for safety in driving an E.O.T. Crane?

1. Always keep hands and finger clear of un-tensioned loads
2. Always pad or protect slings from sharp edges of the load
3. Always think before you affect a load
4. **All of the above**

192. What type of check should be conducted by Crane Driver before driving an E.O.T. Crane?

1. Always test brakes by a short lift to ensure control
2. Check warning devices and signals before use
3. **All above**
4. None of above

193. What type of safety precautions should be taken by Crane driver while driving E.0.T crane?

1. Move loads only after being signaled by the designated, qualified rigger
2. Never carry load over workers
3. **All above**
4. None of above

194. What type of safety precautions should be taken by Crane driver while driving E.0.T crane?

1. Never carry load past workers (they must yield right of way)
2. Riggers must keep line-of-sight with the operator
3. **All above**
4. None of above

195. What type of safety precautions should be taken by Crane driver while driving E.O.T crane?

1. Never allow rides on loads or hooks
2. Never allow unauthorized persons to operate Crane
3. **All above**
4. None of above

196. What type of safety precautions should be taken by Crane driver while driving E.0.T crane?

1. Always position the hook directly over the load before lifting the load off of a floor.
2. Riggers must watch the load.
3. **All above**
4. None of above

197. What type of safety precautions should be taken by Crane driver while driving E.0.T crane?

1. Crane drivers must watch riggers
2. Know your travel path in advance of the lift
3. **All above**
4. None of above

198. What type of safety precautions should be taken by Crane driver while driving E.0.T crane?

1. Know where are you going to set the load down
2. Will the new location support the weight?
3. **All above**
4. None of above

200 . 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

201 . 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

203. 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

204. The centre used with tail stock is called –

a. Spindle centre.
b. **Dead centre.**

c. Live centre.
d. Main centre.

205. 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.

206. Ring Guages are used to check –

a. Outside Dia.
b. Inside Dia.
c. Pitch.
d. Taper.

207. 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.

208. _____ is used for general fire?

a. Fire extinguisher.
b. Safe Guard.
c. Iodine Liquid.
d. Coolant Pump.

209. Which of the following is good conductor of heat?

a. China clay
b. Porcelain
c. Graphite
d. Copper.

210. Corrosion is a _____ property of metal.

a. Mechanical
b. Chemical
c. Physical
d. Electrical

211. The belt mainly slips due to –

a. Less Tension

b. High starting torque.
c. Misalignment.
d. Pulsating Load.

212. 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

213. 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

214. The minimum recommended sling angle is?

a. 30 degrees.
b. 45 degrees.
c. 60 degrees.
d. Sling angles are not recommended.

215. 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.

216. The maximum included angle of a hook is?

a. 10 degrees.
b. 12 degrees.
c. 30 degrees.
d. 90 degrees.

217. 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.

218. Maximum wear limitation of hooks and shackles is?

a. 5%.

b. 10%
c. 15%.
d. 20%

219. Which washer is used for locking ?

a. Plain.
b. Locking.
c. Spring.
d. Round.

220. Copper Metal in Gun Metal is –

a. 90%
b. 85%
c. 60%
d. 50%

221. 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.

222. Which of the following transforms INPUT data into OUTPUT data ?

a. ROM
b. CPU
c. RAM
d. Peripherals

223. 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.

224. The instrument used to measure electric current-

a. Barometer.
b. Altimeter.
c. Ammeter.
d. Anemometer.

225. The best conductor of electricity is-

a. Aluminium
b. Copper
c. Iron

d. Silver

226. 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.

227. The maximum percentage in atmosphere is of –

a. Oxygen
b. Nitrogen
c. Carbon Dioxide
d. Helium

228. Magnetic needle directs to –

a. North
b. East
c. South
d. West

229. The instrument used to measure blood pressure of human body is –

a. Barometer
b. Altimeter
c. Tachometer
d. Sphygmomano meter.

230. The mineral structure of diamond is –

a. Zinc
b. Nickel
c. Nitrogen
d. Carbon

231. 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.

32. Which of the following is an artificial abrasive –

a. Emery
b. Silicon Carbide
c. Green Sand
d. Diamond

233. The least count of Vernier caliper is –

a. 1 mm
b. 0.05 mm
c. 0.01 mm
d. 0.25 mm

234. An open fuse has resistance of –

a. Zero
b. Infinity
c. About 100 ohms at room temperature.
d. At least 1000 ohms

235. According to ohm's law **I** is proportional to

a. A
b. V
c. T
d. None of these.

236. One watt is equal to –

a. 0.1 Joule /sec.
a. 1 Joule /sec.
b. 10 Joule /sec.
c. 100 Joule /sec

237. The transfer of heat from one place to another may take place by –

a. Conduction
b. Convection
c. Radiation
d. Any of these

238. Bench vice is used –

a. To balance the work piece.
b. Storage of work piece.
c. To hold the work piece.
d. Cutting of work piece.

239. Which of the following is the non-metallic anti-corrosion treatment?

a. Shearing
b. Enameling
c. Cladding
d. Colorising

240. At what temperature do both Centigrade and Fahrenheit thermometers show the same reading?

a. - 20 Degree

b. - **40 Degree**
c. - 42 Degree
d. 0 Degree

241. The kinetic energy of a body depends upon –
a. Mass, Gravity and Height.
b. Its mass alone
c. Its velocity alone.
d. Both mass and velocity

242. The most effective way to improve safety in vast organization like Railways is to –
a. Ignore small acts of negligence by the staff.
b. Carry out frequent checks.
c. Educate the staff at all levels.
d. Punishing defaulting staff.

243. Electro magnet is made of –
a. Soft Iron
b. Copper
c. Hard Steel
d. Zinc

44. Solenoid is a –
a. Shaft
b. Hollow Tube
c. Tube on which wire is coiled.
d. Cell.

245. Humidity in atmosphere is measured by –
a. Hydrometer
b. Hygrometer
c. Manometer
d. Pyrometer

246. An alloy of copper and Zinc is called –
a. Bronze.
b. Gunmetal.
c. Stainless Steel.
d. Brass.

247. Crowning of a pulley is done to -

a. Prevent the slipping of a belt.
b. To increase the tension of a belt
c. To increase the angle of contact.
d. None of the above.
e.

248. **In which of the following drives, there is no slip**

a. Open belt drive.
b. Crossed.belt drive
c. Rope drive
d. **Chain drive.**

249. Levers are classified based on

a. where the load and effort are located with respect to the fulcrum
b. where the fulcrum and effort are located with respect to the load
c. where the load and fulcrum are located with respect to the effort
d. None

250. Mechanical advantage is –

a. Input force/ Output force
b. Output force/ Input force
c. Input force x Output force
d. None

251. On a lever, the fulcrum is –

a. The spot where the lever is weakest.
b. The point where force is applied to the lever.
c. The point the lever balances, or pivots, on
d. The object being lifted or moved.

252. The best way of avoiding accident is –

a. Doing work in ancient way.
b. Doing work in ones own way.
c. Observing safety rules related to job, machine and workplace.
d. Using safety equipment.

253. Which of the following group of properties enables the manufacture of chain hooks from wrought iron?

a. Ductility, Malleability and Hardness.
b. Hardness, Toughness and Ductility.
c. Malleability, Ductility, and Toughness.
d. Hardness, toughness & Brittleness.

254. CNC Machines are not manually operated; they are operated by means of –

a. A programme.
b. CAM
c. An operating device
d. A plug board system

255. Rusting of Iron involves –

a. **Oxidation**
b. Reduction
c. Decomposition
d. Displacement

256 . A type of crane where a horizontal beam extends to lift and move a load along the beam is –

a. Mobile crane
b. Monorail Crane
c. **Jib Crane**
d. Bridge Crane

257. The employee that is responsible for balancing and securing the load to the hook, and will direct during the lift is called –

a. Hoist Operator
b. Rigger
c. Crane Driver
d. works Manager

258. Inspection for the crane is performed via -

a. Day-To-Day (Daily) Inspections
b. Frequent Inspections
c. Periodic Inspections
d. All of above

259. Cranes that have been sitting idle for a period of 1 month or more, but less than 1 year, should have

a. Frequent Inspection before entering service.
b. No inspection.
c. Periodic Inspection before entering service
d. None of above.

260. Day-to-Day inspections should include:

a. Inspect the wire rope for abnormalities and/or damage.
b. Inspect the block and hook for any cracks or damage.
c. Visually inspect Limit Switches for abnormalities and test for proper functionality.
d. All of above.

261. Cranes that have been sitting idle for a period of 1 year or more, should have-

a. Frequent Inspection before entering service.
b. No inspection.
c. Periodic Inspection before entering service
d. None of above.

262. Wire rope inspections include checking of –

a. Waviness

b. Basket / Lantern Cage Deformation (Birdcage)
c. Core Protrusion / Distortion
d. All of above.

263. . A portion /section of a rope is a section of the rope that has lost its circular form is called-

a. Core Protrusion
b. Flattened portion
c. Kink
d. None of above

264 . 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

265. 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.

266. Hand signals during operation are used when –

a. When operator is deaf.
b. Voice communications cannot be heard.
c. When rigger is mute.
d. None of above.

267 . Communication for moving Hoist upwards is -

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. With Shouting up and up.
d. None of above.

268 . Communication for moving Hoist downwards is -

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. With Shouting up and up.
d. None of above.

269. Standard Signal for **Emergency stop** is –

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 arms extended, palms down, move arms back and forth horizontally.
d. Arm extended, palm down, move are back and forth horizontally.

270. Standard Signal to **Move slowly** is-

a. With arm extended downward, fore finger pointing down, move hand in small horizontal circle.
b. Both arms extended, palms down, move arms back and forth horizontally.
c. Arm extended, palm down, move are back and forth horizontally.
d. Use one hand to give any motion signal and place other hand motionless in front of hand giving the motion signal.

271 . Most important factor (s) while attaching the load is-

a. Use appropriate sling/hardware (Work Load Limit)
b. Sling Angle
c. Center of Gravity Alignment
d. All of above.

272 . 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.

273. Safe Practices for Rigger include -

a. Maintain line-of-sight with the operator.
b. Stop the operation if comprehension is lost.
c. Plan in advance where the load is going.
d. All of above.

274. Lifting Factors while handling the load include –

a. Size, Weight, and Center of Gravity of the Load.
b. The Rated Capacity of the Sling.
c. The Number of Sling Legs & Angle the Sling Makes With the Horizontal Line..
d. All of above.

275. Types of Rigging & Slings include –

a. Wire Rope & Fibre Rope.
b. Synthetic Web Slings.
c. Cargo Nets
d. All of above

276. The use of two slings, each supporting the same amount of weight and having the same support angle results in

a. Unequal distribution of the load weight.
b. Equal distribution of the load weight.
c. Depends upon type of slings
d. None of the above

277. _____ is used for general fire?

a. Fire extinguisher.
b. Safe Guard.
c. Iodine Liquid.
d. Coolant Pump.

278 . 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.

279. 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.

280 . Standard hand signal for bridge travel is -

a. Arm Extended Forward, Hand Open and Slightly Raised and Make Pushing Motion in the Direction of Travel
b. Both arms extended, palms down, move arms back and forth horizontally.
c. Arm extended, palm down, move are back and forth horizontally.
d. None of the above.

281. The most effective way to improve safety in vast organization like Railways is to –

a. Ignore small acts of negligence by the staff.
b. Carry out frequent checks.
c. Educate the staff at all levels.
d. Punishing defaulting staff.

282. Crowning of a pulley is done to -

a. Prevent the slipping of a belt.
b. To increase the tension of a belt
c. To increase the angle of contact.
d. None of the above.

283. **In which of the following drives, there is no slip**

a. Open belt drive.
b. Crossed belt drive
c. Rope drive
d. **Chain drive**.

284. Levers are classified based on

a. where the load and effort are located with respect to the fulcrum
b. where the fulcrum and effort are located with respect to the load
c. where the load and fulcrum are located with respect to the effort
d. None

285. On a lever, the fulcrum is –

a. The spot where the lever is weakest.
b. The point where force is applied to the lever.
c. The point the lever balances, or pivots, on
d. The object being lifted or moved.

286 . The best way of avoiding accident is –

a. Doing work in ancient way.
b. Doing work in one's own way.
c. Observing safety rules related to job, machine and workplace.
d. Using safety equipment.

283. How tight do you tighten a screw pin shackle?

e. Hand tight and back off ¼ turn.
f. Hand tight and back off ½ turn.
g. Minimum of hand tight with pin fully engaged.
h. None of the above

284. . The belt mainly slips due to –

a. Less Tension
b. High starting torque.
c. Misalignment.
d. Pulsating Load.

285 . 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

286 . The minimum recommended sling angle is?

a. **30 degrees.**
b. 45 degrees.
c. 60 degrees.
d. Sling angles are not recommended.

287. When load testing a used crane, the test load cannot exceed -

a. Less than rated load.
b. 100 percent of the rated load unless.
c. **125 percent of the rated load unless otherwise recommended by the manufacturer.**
d. None of above

289. Protecting slings are used for –

a. Protecting the rigger.
b. **Protecting slings against sharp edges.**
c. Protecting the load.
d. None of above.

290 . 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.**

291. . Maximum wear limitation of hooks and shackles is?

a. 5%.
b. **10%**
c. 15%.
d. 20%

292. Which washer is used for locking?

a. Plain.
b. **Locking.**
c. Spring.
d. Round.

293 . Copper Metal in Gun Metal is –

a. 90%
b. **85%**
c. 60%
d. 50%

294 . 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

295 . Which of the following group of properties enables the manufacture of chain hooks from wrought iron ?

a. Ductility, Malleability and Hardness.
b. Hardness, Toughness and Ductility.
c. Malleability, Ductility, and Toughness.
d. Hardness, toughness & Brittleness.

296. A type of crane that is built upon a bridge-like overhead structure is-

a. Jib Crane.
b. Gantry Crane.
c. Mobile Crane.
d. Bridge Crane.

297. One metre is equal to:

A. 10 mm

B. 10 cm

C. 100 mm

D. 1000 mm

298. One inch is equal to :

A 1000 thous

B 0.001 thous

C 200 thous

D 100 thous

300. Which of the following has not been Prime Minister of India:

A Narender Modi

B Rajeev Gandhi

C Indira Gandhi

D Mahatma Gandhi

301. Which of the following is an EVEN number

A. 4

B. 1

C. 5

D. 9

303. How many days of LHAP can be accumulated to employees in his service life?

A. 300

B. 450

C. 600

D. Unlimited

304. Slot of Angle Plate is used for

A. To hold the Job straight

B. To reduce the weiqht

C. To accommodate bolts

D. For liftinq of hook

304. What is the colour code for Non-Conforming items

A. Green

B. Red

C. Yellow

D. Blue

E.

305. Which Shop of PLW is calibrating Pressure gauges

A. Tool Room

B. PMS

C. ECS

D. ABS

306. Honing is used for:

A Internal Surface finish

B Angle cutting

C Material removal

D Thread cutting

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307. How many LAP are earned by a Railway employee in a year?

A. 20

B.25

C. 30

D. 35

308. If a Railway employee joins duty on 1st September of the year, how many casual leaves can be availed up to last day of that year?

(A)8

(B)4

(C)0

(D)2

309. Total LHAP in six months credited

(A)15

(B)8

(C)20

(D)10

310. Including dependants how many members to be included in Privilege pass?

(A)5 Members

(B)4 Members

(C)7 Members

(D)3 Members

311. How many dependents can be included in privilege pass?

(A) Maximum Two

(B) Maximum Four

(C) Maximum Three

(D) Maximum One

314. Paternity leave is granted for_____ days.

(A)20

(B)15

(C)30

(D)45

315. Child Care Leave is eligible up to

(A)630 days

(B)730 days

(C)530 days

(D)830 days

316. How many days leave is granted as maternity leave?

(A)135 days

(B)165 days

(C)190 days

(D)180 days

317. What is the maximum limit of leave encashment on Retirement?

(A)300 days

(B)350 days

(C)150 days

(D)250 days

318. To minimize the equipment breakdown & down time in well planned manner is called -

(A)Breakdown Maintenance

(B)Preventive Maintenance

(C)Corrective Maintenance

(D)None of above

319. Indicate relation between Centigrade(°C)and Fahrenheit (°F)

A. 1°C= 9/5°F

B. 1°C=2°F

C. 1°C=1.5°F

D. 1°C=7/4°F

320. What is mean by "suspension"?

a) **Suspension is an action where by railway servant is kept out of duty**

b) Suspension is an action where by railway servant is remove from duty

c) Suspension is an action where by railway servant is dismissed from duty

d) None

321. The weekly duty hours of a clerk in the administrative office is

a)42 Hours

b) 45 Hours

c)40 Hours

d)48 Hours

322. For blood donation, special casual leave can be sanction for
a)02 days
b)03 days
c)01 day
d)None of these

324.Which of the following describes Discipline and Appeals Rule in Railways?

a) The Discipline and Appeal Rules, 1968
b) The Discipline and Appeal Rules, 1966
c)**The Railway Servants (Discipline and Appeal) Rules, 1968**
d) None of these

325. Which of the following Rules of DAR 1968 does specify the penalties?

a) Rule-9
b) Rule-11
c) Rule-6
d) None of these

326.Railway servant working in administrative office is entitled for casual leave

a) 12 days
b)08 days
c)11 days
d)none of these.

327. Widow complementary passes may be issued to a widow whose husband wasrailway employee and

a) Expired
b) Missing
c**) Either expired or missing**
d) Retired

328.Educational facilities provided by the Railways are generally confined to –

a) School level
b) College level
c) Technical level
d) Professional level

329. Running staff after performing 9 hours duty is entitled to rest at Head Quarter

a)12 Hours
b) 14 Hours
c)16 Hours
d)10 Hours

330. Standard form used for issuance of Major penalty charge sheet on disciplinary proceedings is?

(a) SF-11

(b) SF-2
(c) SF-5
(d) None of these

331. Standard form used for issuing the order of deemed suspension is?

a) SF-1
b) SF-3
c) SF-2
d) SF-4

332. This is a protocol which allows files to be transferred from one computer to another computer

a) TCP/IP
b) FTP
c) HTTP
(d) None of these

333. Who is competent to issue privilege pass to a Suspended Railway Employee?

A)**Disciplinary Authority**
B)Departmental Authority
C)Competant Authority
D) Censure Authority

334.What does NIP stand for?

A) Notice of implication of penalty
B)**Notice of imposition of penalty**
C) Nomination of imposition of penalty
D) None of the above

335. When a person has been sentenced by the court to jail,under which rule of DAR can he be removed from service?

A)Rule -6
B) Rule -11
C) Rule -14
D) Rule -10

336.Form is issued to nominate Presenting officer?

A)**SF-8**
B) SF-6
C) SF-4
D) SF-3

337. Who is the supreme disciplinary authority**?**
A) CRB
B) Railway Minister
C)**President of India**

D) Prime Minister

338. Appeal against the President's Order can be made to?

A) NIP
B) Parliamentary Committiee
C) No Appeal can be made
D) None of the above

339. Which Standard form is issued for issuing charge sheet to a Retired employee?

A) SF-9
B) SF-12
C) SF-13
D)**SF-14**

340. Which form is issued for common proceeding in D&AR proceeding?

A) SF-9
B) SF-12
C) SF-13
D) **SF-10**

341. Under which DAR rules is the process for imposing major penalty given?

A)**Rule-9**
B) Rule-8
C) Rule-7
D) Rule-6

342. In which DAR rule is provision for penalties given.

A)Rule-9
B) Rule-8
C) Rule-7
D) **Rule -6**

343. Under which DAR rules is provision for Revision given?

A)Rule-19
B) Rule-18
C) Rule-17
D) **Rule -25**

345. Which standard form is issued for imposing minor penalty? **(SF-11)**

A)SF-11
B)SF-12
C)SF-13
D)SF-14

346. Under which DAR rule an Appeal can be made?

A)Rule-19
B) Rule-18
C) Rule-17
D)Rule -20

347. Under which DAR Rule is Common proceeding where more than oneemployee is involved initiated? **(Rule 13)**

A)**Rule-13**
B) Rule-14
C) Rule-30
D)Rule -31

348. Which kind of penalties a Sr Scale officer can impose and upto which GP of Employees?

A)**Upto Level-5 and penalties 1-to 6**
B)Upto Level-6 and penalties 1-to 6
C)Upto Level-4 and penalties 1-to 5
D)Upto Level-4 and penalties 1-to 6

349. Which kind of penalties a Asst Scale officer can impose and upto which GP of employees?

A)Upto Level-4 and penalties 1-to 3
B)Upto Level-4 and penalties 1-to 4
C**)Upto Level-4 and penalties 1-to 5**
D)Upto Level-4 and penalties 1-to 6

350. How many dependants are allowed in Complimentary Pass?**(Maximum-2)**

A) Maximum 1
B)**Maximum 2**
C) Maximum 3
D) Maximum 4

351. In DMW the incentive scheme is : Group incentive Scheme.

352. Support Deptt.Group includes **Material plg.,PCO,Incentive,ISO,M&P,Customer Relation Cell etc.**

353. CLW Incentive scheme **: Individual type**

354. SO 9001 is related to which management system?

A) Environment (B) Energy **(C) Quality** (D) Health & Safety

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355. Full form of ISO :

(A) Indian Standards Organization
(B) Indian Standardization Organization
(C) International Standards Organization
(D) **International Organization for Standardization**

356. ISO 14001is related to which management System ?

(A) Quality **(B) Environment** (C) Health & Safety (D) Energy

357. PLW has IMS (Integrated Management System) which covers ?

(A) ISO 9001, ISO 50001, ISO 45001
(B) ISO 45001,ISO 50001, ISO 14001
(C) ISO 9001, ISO 14001, ISO 50001
(D) ISO 45001, ISO 9001, ISO 14001

358. What is the percentage monthly contribution of PF ?

(A) **8.33 %** (B) 8.5 % (C) 8 % (D) 9%

359. If there are more than------ number employees, then the employer has to provide a canteen

(A) 100 (B) 500 (C) **250** (D) 200

360. Who is the Secretary of the Staff Council in PLW Patiala?

(**A) PCME** (B) PCPO (C) PCAO (D) CPLE

361. What is the validity of year ending privileges passes issued to railway servant?

(A) 31st March (B) 30th April (C) 31st May (D) **30th May**

362. What is the stipulated time to reply RTI application?

(A) 10 days (B) 20 days (C) 45 days **(D) 30 days**

363. How many days LHAP a railway servant can accumulate in his account ?

(A) 300 days (B) 240 days **(C) No limit** (D) 500 days

364. Maximum percentage of pension can be commuted by a railway servant ?

(A) 10 % (B) 50 % (C) 25 % **(D) 40 %**

365. How many zones are there in Indian Railways?

(A)15 (B) 16 (C) 17**(D) 19**

367. Name fastest train in India ------ ?

(A) Tejas Express (B**) Vande Bharat Express** (C) Mumbai Rajdhani (D) Shatabdi Express

368. Which no. of Standard Form is used for issue of minor penalty charge sheet ?

(A) SF - 6 (B) SF - 5 (C**) SF-11** (D) None of these

369. How many digits are there in PNR number ?

(A) 8 (B) 9 (C) **10** (D) 12

370. How many casual leaves are granted to officers in PLW ?

(A) 7 (B) 10 (C) **8** (D) 12

371. Full form of CRIS is -----
(A) Central Rail India System (B) Central Rail Information Standard
(C) **Centre for Railway Information System** (D) Central Rail India System

RAJBHASHA QUESTIONS

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

(क) 7 (ख) 8 **(ग) 9** (घ) 10

प्र.(2) संविधान के किस अनुच्छेn 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 मे से कौन से दस्तावेज द्विभाषी रूप में जारी करना अनिवार्य है?

(क) सामान्य आदेश (ख) संकल्प

(ग) अभिनय्य (घ) सभी

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

(क) करार

(ख) प्रेस विज्ञाप्तियं

(ग) निविदा सूचना

(घ) कोई नही

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) अनुच्छे द 343

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

(क) हिन्दीय

(ख) अंग्रेजी

(ग) हिंदीक या अंग्रेजी

(घ) हिंदी ओर 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)50प्रतिशत

(ख)100प्रतिशत

(ग)30प्रतिशत

(घ)75प्रतिशत

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

(क)80प्रतिशत

(ख)100प्रतिशत

(ग)50प्रतिशत

(घ)75 प्रतिशत

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

(क) 7 वॉ (ख) 6 वॉ (ग) 5 वॉ (घ) 8 वॉ

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 अनुच्छे द 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) केन्द्री य 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

(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) केन्द्री य 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)28सितम्बर,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 संकल्प1968 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?

15

(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 उच्चोतम न्यायालय एवं उच्च न्यायालयों मे 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 किस् 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) महाराष्ट्रं

(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) चण्डीगढ

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 मंत्रीय

(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 हैं?

(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 अधिनिययम की धारा 4(3) के अंतर्गत संसदीय राजभाषा समिति का प्रतिवेदन संसद के किस सदन में रखा

जाता हैं?

(क)लोग सभा में

(ख) राज्या सभा में

(ग) दोनों सदनों 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 बॉटा गया है?

(क) एक

(ख) दो

(ग) तीन

(घ) चार

राजभाषा उत्तर कुंजी

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)						

18/9/23

Dy. HEE/ES&P