

MECHANICAL O&F

1. Which pressure is adjusted by limiting valve?

- A. F-1 pressure
- B. BP pressure
- C. FP pressure
- D. Synchronization pressure

ans D

2. When emergency brake application is done through A-9 in flasher light modified loco the condition of loco will be

- A. Loco comes to idle and nothing else happens
- B. Loco comes to idle, flasher light is on
- C. Loco comes to idle, flasher light is on & buzzer blows
- D. Loco does not come to idle, flasher light is on & buzzer blows

ans A

3. PATB buzzer blows when

- A. AFI needle is above 60
- B. AFI needle is below 60
- C. AFI needle is above 80
- D. AFI needle is above 70

ans C

4. Unit of Air Flow Indicator (AFI) is

- A. Kg/cm²
- B. Pound / inch
- C. Wagon reading
- D. Km/h

ansC

5. Function of Air vacuum proportionate valve is in Diesel locos for

- A. Acceleration
- B. Loco comes to idle

- C. For starting of loco
- D. For synchronization of brake

ans D

6. How many positions setting of C3 W distributor valve has

- A. Two position setting
- B. One position setting
- C. Three position setting
- D. No different setting

ans A

7. How many braking position of A-9 valve have..

- A. 05 breaking position
- B. 04 breaking position
- C. 03 breaking position
- D. 01 breaking position

ansB

8. How many braking position of SA-9 valve have..

- A. 03 position
- B. 02 position
- C. 05 position
- D. 01 position

ansA

9. Air supply for horn is from..

- A. MR-1 tank
- B. MR-2 tank

C. J filter

D. HS-4

ansA

10. Duplex check valve operates when MR pressure reaches at pressure (kg/cm²)

A. 5 kg/cm²

B. 6kg/cm²

C. Always open

D. 10 kg/cm²

ans A

11.The standard color of humidity indicator in air dryer is

A. Orange

B. Purple

C. Blue

D. White

ans C

12.MR safety valve is set at pressure (in kg/cm²)

A. 10.0 kg/cm²

B. 6.0 kg/cm²

C. above 10.5 kg/cm²

D. below 6.0 kg/cm²

ans C

13.Auto drain valve blows during

A. Loading of compressor

B. Unloading of compressor

C. When MR safety valve blow

D. MR pressure is above 10.5 kg/cm²

ans B

14. When driver is working from right control stand and A-9 is applied from left control stand in emergency position, what will happen?

A. Loco will come to idle

B. Loco will not come to idle

C. Loco will shutdown

D. Only BP will drop and nothing else will happen

ans A

15. How many numbers of positions MU2B valve have

A. One position

B. Two positions

C. Three positions

D. Four positions

ans B

16. during which stroke inlets valves open

A. Suction

B. Compression

C. Power

D. Exhaust

ans A

17. During which stroke both valves closed

A. Suction

B. Compression

C. Power

D. Exhaust

ans B

18. Water pump is driven from.....

A. Split gear

B. Cam gear

C. Extension shaft gear

D. Main generator gear

ans C

19. Lube oil pump is driven from.....

A. Split gear

B. Cam gear

C. Extension shaft

D. Main generator gear

ans C

20. Universal shaft is used to drive radiator fan because

A. It is rigid

B. It is strong

C. It is self align

D. It is weak

ans C

21. GE Governor is operated.....

A. Mechanically

B. Hydraulically

C. Pneumatically

D. None of these

ans B

22. TSC surging on higher notches is due to

A. Excess fuel rack

B. Chocked air maize

C. Less area of nozzle ring

D. Any of the above

ans D

23. Hammering sound is coming from engine is due to.....

- A. Exhaust valve bend
 - B. Fuel cam worn out
 - C. X-head roller worn out
 - D. Any of the above
- ans D

24. Smoke is coming from „SMOKE“ hole of cylinder Head indicates.....

- A. Injector seal is not proper
 - B. Over torquing
 - C. Injector crack
 - D. Injector not fitted
- ans A

25. TSP treatment is done for.....

- A. To remove scaling
 - B. To decrease the cooling efficiency
 - C. To avoid any chemical reaction
 - D. To improve chloride value
- ans A

26. When hot engine alarm is operated, the condition of loco comes to

- A. Idle
 - B. Run on same speed
 - C. Shut down
 - D. None of above
- ans B

27. What is the unit of S.F.C. (Specific Fuel consumption)

- A. gm/hp/hr.
 - B. Liters/Kwhr/minutes
 - C. Kg/Newton/hr
 - D. None
- ans A

28. Engine crank case vacuum is not building up due to

- A. Linear chrome plating worn out
- B. Fuel motor not working

C. Dust blower not working
D. Engine RPM less ansA

29. Which of the following is the reason of hot engine?
A. ETS setting defective
B. Radiator fan not working
C. Radiator fins chocked
D. Any of above ans D

30. Engine giving blueish smoke indicates.....
A. Water mix in fuel oil
B. Injector hole chocked partially
C. Cylinder head valve guide clearance more
D. FIP delivery less ans C

31. White smoke given by engine is due to
A. FIP not responding
B. Tappet phasing disturbs
C. Cylinder head crack internally
D. X-head having abnormal sound ans C

32. Which of the following is not the safety item of locomotive?
A. OST
B. LWS
C. Governor
D. ACP ans C

33. Which of the following is not item of fuel efficient loco?
A. Steel cap piston
B. Modified FIP
C. ALCO TSC
D. Large After Cooler ans C

34. Which of the following statement is not true?

A. Comp. Ratio in diesel engine is more than Petrol engine.

B. For high HP diesel engine are used.

C. Ignition in diesel engines takes place by comp. of air.

D. For the same HP diesel Engine are lighter as compare to Petrol engine.

Ans D

35. Which of the following is prime mover?

A. Engine

B. Traction Generator

C. Traction Motor

D. None of the above

ans A

36. High viscosity indicates

A. Mixing of water in lube oil

B. Mixing of fuel in lube oil

C. Mixing of carbon contents

D. None of these

ans C

37. What is the cause of increase silicon in lube oil

(A) Linear wear

(B) X-head wear

(C) Dust

(D) Water leakage

ans C

38. In scavenging period burnt gases are pushed out by

A. Fresh air

B. By burnt gases

C. By TSC

D. Nothing of these

ans A

39. Engine hunting is due to

A. Rake movement not free

B. Excess fuel pressure

C. Low fuel pressure

D. Nothing of these

ans A

40. Engine given thick black smoke due to

A. Low BAP

B. Less fuel oil level

C. Defective CCE motor

D. Defective manifold

ans A

41. Out of which safety device, engine comes to idle

A. OST

B. LWS

C. ACP

D. Low lube oil indication

ans C

42. The device used to transmit loco speed from wheels to the speedometer is called

A. Tacho generator

B. Auxiliary generator

C. Axle generator

D. Main Generator

ans C

43. Traction motor load of is transferred on bogie frame through

A. Main journal

B. Suspension nose

C. Axle box

D. Helical coil spring

ans B

44. Height of side buffer should be maintained between

- A. 1105 mm to 1030 mm
- B. 1150 mm to 1000 mm
- C. 1150 mm to 900 mm
- D. 1105 mm to 800 mm

ans A

45. Buffer height can be adjusted by

- A. Adding shims to load pads & side bearers
- B. Adding shims to spring seat
- C. Both A & B
- D. None of the above

ans C

46. Minimum distance between brake block & wheel in release position should be

- A. 5 mm
- B. 10 mm
- C. 15 mm
- D. 20 mm

ans B

47. Cracks in the axle are detected by

- A. Magna flux test
- B. Ultrasonic test
- C. Zyglo test
- D. Chemical test

ans B

48. The limit of flat spot on loco wheel is

- A. 30 mm

D. Two stroke

ans D

53. What is the compression ratio of the GM locomotive

A. 16:1

B. 14:1

C. 13:1

D. 15:1

ans A

54. What is the full speed RPM of the GM locomotive engine

A. 1000 RPM

B. 904 RPM

C. 900 RPM

D. 950 RPM

ans B

55. What is the fuel tank capacity in the GM locomotive

A. 5000 Liters

B. 6000 Liters

C. 4000 Liters

D. 7000 Liters

ans B

56. What is the maximum speed of the WDG 4 locomotive

A. 150 Kmph

B. 140 Kmph

C. 120 Kmph

D. 110 Kmph ans A

57. What is the fuel tank capacity in the GM locomotive

A. 5000 Liters

B. 6000 Liters

C. 4000 Liters

D. 7000 Liters ans B

58. What is the coolant water capacity in the GM locomotive

A. 1200 Liters

B. 1100 Liters

C. 1045 Liters

D. 1145 Liters ans C

59. Which type of bogie fitted in the GM locomotive

A. Single suspension

B. Double suspension

C. Triple suspension

D. None of these ans B

60. In the fuel oil system which type of injectors provided in

the GM locomotive

A. Unit injectors

B. Injectors with HP line

C. Injector with cam

D. None of these ans A

61. In the two stroke engine the cylinder head of the engine equipped with

A. Inlet & Exhaust valves

B. Only Inlet valves

C. Only Exhaust valves

D. None of these

ans C

62. In the GM locomotive the Turbo charger is driven by

A. Exhaust Gas

B. Gear Train

C. Gear Train & Exhaust gas

D. None of these

ans C

63. In the WDP 4 & WDG4 locomotive engine how much lube oil pumps used

A. One

B. Two

C. Three

D. Four

ans C

64. In the GM locomotive the air compressor is

A. Air cooled

B. Water cooled

C. Oil cooled

D. None of these

ans B

65. In the WDP 4 & WDG 4 locomotive the coolant used in compressor is

A. Engine coolant

B. Compressor coolant

C. Raw water

D. None of these

ANS B

66. Air compressor the lube oil sump capacity is

A. 10 Liters

B. 12 Liters

C. 15 Liters

D. 23 Liters

ANS A

67. Air compressor in the GM locomotive is

A. Single stage

B. Two stage

C. Three stage

D. Four stage

ANS B

68. Which type of bogie is used in GM LOCOMOTIVE?

A. Fabricated bogie

B. Cast steel

C. High tensile cast steel

D. None of these

ANS C

69. In GM locomotive Air brake is controlled by

A. Mechanically

B. Electrically

C. Computer

D. None of these

ANS C

70. Air brake system in WDP4 & WDG4 loco is

A. 28LAV-1

B. 28LV-1

C. CCB-KNORR

D. None of these

ANS C

71. In GM locomotive the first schedule carried out after

A. One month

B. Three month

C. Four month

D. 15 Days

ANS B

72. Maximum speed of WDP4 locomotive is

A. 120 Kmph

B. 160 Kmph

C. 150 Kmph

D. 180 Kmph

ANS B

73. TM pinion and bull gear ratio in WDG4 loco is

A. 17:90

B. 17:77

C. 65:18

D. 90:35

ANS A

74. TM pinion and bull gear ratio in WDP4 loco is

A. 17:90

B. 17:77

C. 18:65

D. 35:90

ANS B

75. Total weight of WDG4 loco is

A. 140 Tones

B. 129 Tones

C. 160 Tones

D. None of these

ANS B

76. Total weight of WDP4 loco is

A. 115.8 Tones

B. 119.8 Tones

C. 121.8 Tones

D. None of these

ANS A

77. In ECC (Eddy current clutch), clutching of inner and outer drum is through

A. Mech. Clutch

B. Electrical clutch

C. Magnetic clutch

D. By pulley arrangement

ANSC

78. What is the minimum Head light Focusing distance required in the locomotives provided with electrical head light?

a) 100 meters

b) 1000 meters

c) 2000 meters

d) 250 meters and above

ans d

79. What is the Fuel oil tank capacity in WDP1 locomotive in litres?

a) 4000

b) 5000

c) 3000

d) 2000

ans c

80. When OPS drops or LLOB trips, the engine will _____.

- a) Raise
- b) Shutdown
- c) Comes to Idle
- d) Hunting ans b

81. Expressor lube oil pump is driven by _____.

- a) Gear
- b) Chain
- c) Motor
- d) Belt ans b

82. The exhaust manifold is connected to _____ part of the TSC.

- a) Gas Inlet Casing
- b) Intermediate Casing
- c) Turbine Casing
- d) Blower Casing ans a

83. One of the following is the equipment in Nose compartment

- a) MR1
- b) MR2
- c) Control air pressure
- d) All the above reservoir ans c

84. How many Power Contactors are available in WDG4 Locomotive?

- a) 7
- b) 9
- c) 8

d) 0 ans d

85. What is the Lube oil capacity (in litres) in WDP1 locomotives?

a) 760

b) 910

c) 1100

d) 1457 ans a

86. If white smoke is emitting from exhaust chimney, what could be the reason?

A) Water mixed with fuel

b) Governor oil mixed with fuel oil

c) Lube

d) None of these ans a

87. During one of the following occasions Hot engine alarm indication will get

a) Continuous 8th notch

b) Excess load working

c) Water pump not

d) Full water in working expansion tank ans c

88.type of speedometer is available b onWDG4.

a) Mechanical

b) Radar Sensor

c) Electrical

d) Electronic ans B

89. The more Oxygenated Air is required for better_____.

a) Control air pressure

b) Combustion of fuel

c) Braking

d) Cooling

ans b

18 Hot engine alarm (HEA) will come at _____ degrees centigrade in WDG3A locos.

a) 60

b) 70

c) 90

d) 80

ANS c

90. Electro Pneumatic Governor is located in

a) Expressor room

b) Radiator room

c) Nose compartment

d) Rear compartment

ans C

91. During the MR air pressure efficiency test ____ kg /cm² pressure should be created within _____ minutes.

a) 1.0, 7

b) 1.5, 6

c) 0.9, 8

d) 0.7, 5

ans D

92. When there is current difference ofAmps between two 22 traction motors in a group of Traction motors WSR will pick up.

a) 200

b) 125

c) 100

d) 150

ans B

93. Lube oil Filter drum is located in_____.

a) Nose compartment

b) Generator room

c) Engine block

d) Radiator room ans D

94. Lube oil dipstick gauge of WDG3A is having _____ liters capacity.

a) 400

b) 380

c) 600

d) 500 ans C

95. On what notch the rundown test of ABB Turbo is to be conducted?

a) Idle

b) 2

c) 3

d) 4 ans D

96. Reduction in BP pressure causes _____.

a) Brakes release

b) Brakes slow release

c) Brakes application

d) MR pressure increasing ans C

97. WDG4 Engine idle RPM

a) 469

b) 369

c) 269

d) 360 ans C

98. The Fuel oil crossover flexible pipe is located in

- a) Radiator room
- b) Nose compartment
- c) Power takeoff end
- d) Free end

ans C

99. In WDG4 locos Lube oil Cooler is located in_____.

- a) Radiator room
- b) Expressor room
- c) Generator room
- d) Under truck

ans B

100. Air pressure Cooling coils in WDG4 is located at

- a) Under truck
- b) Engine block
- c) Radiator room
- d) Expressor room

ans C

101. Lube oil dip stick gauge capacity in WDG4 locos is c _____liters.

- a) 400
- b) 550
- c) 625
- d) 700

ans C

102.The combined unit of Exhauster and Compressor is called

- a) Impellor
- b) Expressor
- c) Super charger
- d) Processor

ans B

103.On WDG3A high adhesion bogie the loco body weight is supported on bogie frame through

- a) 4 side bearers / load pads
- b) centre pivot
- c) centre pivot and side

d) side group bearers springs

ans A

104. For WDG3A on each truckno of horizontal hydraulic dampers are provided.

a) 5

b) 2

c) 8

d) 16

ans B

105.is provided on WDG3A bogie to avoid run out of bogie from chassis.

a) center pivot b) side bearers

c) Shackles d) side stoppers ans c

106. On WDG3A each truck is fitted with arrangement of traction motors.

a) LLR

b) LRR

c) LRL

d) uni directional i.e LLL&RRR

ans D

107. Whenever A9 is brought to emergency position action taken place in auto flasher system is

a) DMR de-energise

b) BKT will come to braking

c) GFOLR will trip

d) Flasher light will glow

ans a

108. Power contactors flutters due to

a) less magnetism

b) Load meter defective

c) less control air pressure

d) weak batteries

ans C

109. The following may be used for fast charging of BP on WDG3A.

a) Release position of A9

b) foot pedal

c) SP1

d) SW1

ans C

110. In WDG4 loco HP input to Traction motors is

- a) 4000
 - b) 3726
 - c) 3100
 - d) 3900
- ans B

111. In WDG4 loco compressor is cooled by

- a) Nature
 - b) Air
 - c) Oil
 - d) Water
- ANS a

112. In WDG4 turbo is cooled by

- a) Nature
 - b) Air
 - c) Oil
 - d) Water
- ans c

113. In WDG4 power contactors are replaced with

- a) FS contactors
 - b) only relays
 - c) BKT/REV
 - d) DC Link
- ans D

114. In WDG4 traction motors are

- a) DC
 - b) AC
 - c) 50%AC and 50% DC
 - d) Low voltage
- ans B

115. In WDG4 (ECS) isolation switch is havingno of positions.

- a) 1
 - b) 2
 - c) 3
 - d) 4
- ans B

116. While on run if airflow meter shoots up with jerk means

- a) defect
 - b) parting taken place
 - c) spring broken
 - d) moisture in air
- ans B

117.....brake is available only in WDP4.

- a) Computer brake
 - b) vigilance brake
 - c) blended brake
 - d) tread brake
- ans C

118. Blended brake is mixture of

- a) Vacuum +Air
 - b) Formation +Dynamic+ loco
 - c) Formation +Loco
 - d) Dynamic +Loco
- ans B

119. When wheel is floated speed is restrictedkmph.

- a) 25
 - b) 30
 - c) 35
 - d) 40
- ans B

120. In fuel oil systemtype of filters are used.

- a) socks type
 - b) foam type
 - c) mesh type
 - d) paper type
- ans D

121. Compressor of HHP Locomotive is –

133. In HHP Locomotive mainly which Governor is fitted –

- a) Woodward Governor b) MCBG Ans a
- c) EH Governor d) None of the above.

134. Length of WDG4D Locomotive is –

- a) 22.98 meters b) 21.24 meters Ans a
- c) 21.7 meters d) None of the above.

135. What is the full form of EMDEC?

- a) Electro-Motive Diesel Engine Control,
- b) Electro-Motive Division of Engine Control, Ans a
- c) Electro-Motive Diesel and Electric Control,
- d) None of the above.

136. Exhaust valve open at –

- a) 23 Degree after TDC b) 109 Degree after TDC, Answer - b
- c) 180 Degree after TDC, d) 43 Degree before BDC.

137. In HHP Locomotive bail of ring is provided on –

- a) Auto Brake Handle b) Driver's backup valve handle, Answer - c
- c) Direct brake handle d) None of the above.

138. During setting of TDC Pointer, which Power Assembly is kept at BDC?

- a) No-1 b) No-16

c) No-8

d) No-9

ans A

139. To operate sander, air supply is received from –

a) MR-1 Pressure

b) MR-2 Pressure

Answer - a

c) BP Pressure

d) B.C. Pressure.

140. Modified Water Pump has –

a) Taper bearing

b) Ball bearing

Answer – b

c) Both taper as well as ball bearing

d) None of the above.

141. How many rollers are fitted in the clutch assembly?

a) 8

b) 12

c) 16

d) 18.

ANS c

142. Vibration Damper is rotate in each direction about –

a) 23 Degree

b) 10 Degree

c) 180 Degree

d) 360 Degree.

Answer – b

143. Don't pour _____ in the HHP Loco.

a) DM Water,

b) Raw Water,

Answer – b

c) Distilled Water,

d) All of the above.

144. Torsional Damper is fitted on the –

a) Front End of the Engine

b) Rear End of the Engine

Ans a

c) Front and Rear End of the Engine d) None of the above.

145. How many cylinders are in HHP Loco Engine?

a) 8 b) 12, Answer - c
c) 16, d) None of the above.

146. Maximum speed of WDG4D Locomotive over Central Railway is –

a) 100 kmph b) 105 kmph Answer – a
c) 135 kmph d) 160 kmph.

147. WDG4 is a –

a) Single Cab Loco b) Dual Cab Loco, Answer – a
c) Dual Cab Loco with Disc Brake, d) Dual Cab Loco with Hotel Load

148. Compressor efficiency test is checked with –

a) 7.14 mm choke b) 7.50 mm choke
c) 7.91 mm choke d) None ANS a

149. In HHP Locomotive Inlet port close at –

a) 43.5 Degree before BDC, b) 43.5 Degree after BDC, Answer - b
c) 107.5 Degree after TDC d) 67 Degree after BDC.

150. In CCB System, Air supply is received from –

a) MR-1, b) MR-2, c) MR-4, d) None. ANS b

151. During pre & post lubrication –

- a) Only main bearing and con rod bearing is lubricated,
- b) Only TSC bearing and gear train is lubricated,
- c) Only TSC bearing and gear train is lubricated,
- d) All of the above.

Answer - c

152. In HHP Locomotive, BP Pressure is set at –

- a) $5.0 \pm 0.1 \text{ kg/cm}^2$,
- b) $5.1 \pm 0.1 \text{ kg/cm}^2$,
- c) $5.2 \pm 0.1 \text{ kg/cm}^2$,
- d) None.

ANS a

153. In HHP Locomotive compressor oil to be checked at –

- a) Engine run and idle condition,
- b) Engine shutdown condition,
- c) Engine run and 8th Notch condition,
- d) Any of the above.

Answer - a

154. In HHP Locomotive lube oil level to be checked at –

- a) Engine run and idle condition,
- b) Engine shutdown condition,
- c) Engine run and 8th Notch condition,
- d) Any one of the above.

Answer - a

155. In HHP Locomotive Epicyclic gear train is found in –

- a) Turbocharger, b) Accessory drive gear train,
- c) Camshaft drive gear train, d) None.

Answer - a

156. Upto which notch HHP Locomotive can be raised without load (GF Off condition) –

a) 4th Notch b) 5th Notch

c) 6th Notch d) 7th Notch.

ANS a

157. MR Efficiency test is related to –

a) Power assembly, b) MR Tank,

Answer - d

c) Turbo Supercharger, d) Compressor.

In HHP Locomotive both side cam gear rotate –

a) In the same direction,

b) In the opposite direction,

Ans b

c) In same as crankshaft rotation direction,

d) None.

158. In HHP Locomotive, what is the relation between crankshaft & camshaft rpm?

a) Due to two stroke engine, rpm of camshaft = rpm of crankshaft.

Answer -a

b) Due to two stroke engine, rpm of camshaft = 1/2 of the rpm of crankshaft.

c) Due to four stroke engine, rpm of camshaft = ½ of the rpm of right crankshaft.

d) None.

159. Water drain cock is located in –

a) Accessory room

b) Under truck at loco right side

Answer – a

c) Under truck at loco right side

d) None.

160. Which Oil is filled in HHP Loco Fuel Tank?

a) High Speed Diesel Oil

b) Arctic Diesel Oil

Answer - a

c) Synthetic Diesel Oil

d) All.

161. What is the height of Rail Guard of HHP Locomotive from Rail Level?

a) 4½"

b) 5½"

c) 6½"

d) None

ANS a

162. Compressor of HHP Locomotive is a –

a) Rotary compressor,

b) Reciprocating compressor,

Answer – b

c) Centrifugal compressor,

d) Any one of the above.

163. Distance between two side buffers is –

a) 1435 mm

b) 1676 mm

c) 1956 mm,

d) None of these.

Answer - c

164. TSC of HHP Locomotive is cooled by –

a) Water

b) Lube oil

c) Air

d) Natural Cool.

Answer - b

165. How many brake cylinders are fitted in HHP Locomotive?

a) 4

b) 6

c) 8

d) 16

ANS c

166. Which type of water pump is fitted in HHP Locomotive?

a) Centrifugal type,

b) Reciprocating type,

Answer - a

c) Positive displacement type,

d) None of these.

167. Oil separator of HHP Locomotive is cleaned in which schedule?

- a) T-30 & above b) T-90 & above Answer – b
c) T-180 & above d) T-Yearly & above.

168. Fuel Tank of HHP Locomotive is –

- a) Detachable b) Non-detachable Answer – a
c) Both detachable & non-detachable, d) None.

169. Which oil is fitted in HHP Locomotive compressor?

- a) RR 460 b) SP 100 c) RR 606 d) SP 57 ANS b

170. Broad gauge tracks W/L board shall be provided at a distance of ----- from level crossing along the track

- a) 400 meters b) 600 meters c) 350 meters d) 500 meters ANS b

171. Which authority form is used for shunting movement?

- A. T/509 B. T/511 C. T/806 D. T/409 ANS c

172. The purpose of issuing a charge-sheet to a railway servant, is :--- C

- (A) to warn him to be careful in future.
(B) to afford him an opportunity to defend himself from the accusation.
(C) Where minor penalty is imposed affecting the pensionary benefits of the charged official.
(D) Where services of a railway servant are to be terminated in accordance with the terms of agreement.

173. A retired railway servant may act as defence counsel.

- (A) in not more than 2 cases. B
(B) in not more than 5 cases.

(C) in any number of cases.

(D) in no case.

174. "Charge" means - a railway servant's action :--

ANS D

(A) not appreciated by the Controlling Officer.

(B) of an out-standing nature.

(C) violating a standing order and made known to him to explain.

(D) None of the above.

175. Find out among the following the aspect which is violative of principles of natural justice :--ANS C

(A) the offence alleged to have been committed by railway servant was made known to him.

(B) the charged official was given an opportunity to produce defence documents.

(C) the witnesses on behalf of D.A. were not allowed to be cross examined by the charged employee.

(D) the I.O. appointed to hold enquiry was a disinterested person.

176. An officer who is competent to impose the penalty of "Compulsory Retirement" on a given railway servant, will also have the powers to impose :--

(A) any other penalty lower than CR only.

(B) any one of the minor penalties only.

(C) penalties of 'Removal' & 'Dismissal' also.

ANS c

(D) no other penalty higher or lower than Compulsory Retirement.

177. The time allowed to charged official to submit his revision petition to the appropriate authority is :--

(A) 15 days

(B) 45 days

(C) 60 days

(D) 180 days

ANS b

178. Where departmental proceedings and criminal proceedings in a Court are running concurrently :--

(A) Departmental proceedings should be finalised earlier to criminal proceedings.

(B) Departmental proceedings should not be finalised till criminal proceedings are finalised.

(C) Departmental proceedings should be dropped soon after the initiation of criminal proceedings.

(D) The Court hearing the criminal case should be advised to pend its proceedings till finalisation of departmental case.

ANS b

179. A witness who is summoned by Disciplinary Authority to prove the charges, deposes before I.O. in favour of charged official. Such a witness is called.

(A) Expert witness

- (B) Defence witness
 - (C) Prosecution witness
 - (D) Hostile witness
 - (E) Irrelevant witness
- ANS D

180. During re-examination of a witness in the departmental inquiry by in I.O.

- (A) a question to bring out altogether a new evidence can be asked.
- (B) a question to explain certain statements made by him in the earlier cross-examination, can be asked.
- (C) the witness should be asked to tell his story again.
- (D) the witness should be put questions to reiterate his answers given in the examination-in-chief.

ANS b

181. The power to remove a doubt or interpret any of the provisions of RS (D&A) Rules, 1968 rests with :--

- (A) Divisional Railway Manager
- (B) Chief Personnel Officer
- (C) Railway Board
- (D) The President of India

ANS D

182. The document through which the alleged misconduct is communicated to a railway servant advising him to submit explanation, is called :--

- (A) Charge sheet
- (B) Penalty Notice
- (C) Show-Cause Memorandum
- (D) Daily Order Sheet
- (E) None of the above.

ANS A

183. "Revision" under Rule 24 (2) & 24 (3) of RS (D&A) Rules is confined to railway servants who have been imposed :--

ANS D

- (A) Any one of the MINOR penalties only
- (B) any one of the MAJOR penalties only.
- (C) Any penalty MAJOR or MINOR.
- (D) Penalties of Dismissal, Removal and Compulsory Retirement.

184. Where there is no presenting officer nominated, a charged official [non-gazetted serving-SC Railway] may present his case during inquiry :--

ANS D

- (A) With the assistance of any person.
- (B) With the assistance of serving railway employee of any railway including Railway Board.
- (C) With the assistance of only the serving railway employee of SC Railway.
- (D) With the assistance of serving or retired railway employee of SC Railway

185. Authority competent to nominate Inquiring Authority to hold enquiry in the manner specified in Rule 9 of D&A Rules against a non-gazetted railway servant is :-

ANS D

- (A) General Manager
- (B) Revising Authority
- (C) An authority to which disciplinary authority is immediately subordinate.
- (D) Disciplinary Authority

186. One of the following is barred from acting as Defence Counsel. Find out.

ANS C

- (A) A serving employee of the same railway to which charged official belongs.
- (B) A retired employee of the same railway to which charged official belongs.
- (C) A serving employee of the same railway to which charged official belongs but on pm deputation to Ministry of Labour.
- (D) A serving Welfare Inspector.

187. One of the following is not a penalty under DAR. Find out.

ANS C

- (A) Withholding of Privilege Passes
- (B) Withholding of Post-Retirement Passes
- (C) Withholding of PTOs
- (D) Withholding of Privilege Passes and PTOs

188. An official of recognised trade union may assist a charged official during departmental inquiry, if the charged official is :-

ANS C

- (A) a non-gazetted railway servant only
- (B) either of Group-C or Group-D or Group-B only
- (C) a member of any group
- (D) another office-bearer of the same Union only

189. Speaking order means

ANS A

- (A) Reasons recorded in support of decision taken by the Disciplinary Authority
- (B) The memorandum communicating the penalty
- (C) The written statement of defence of the charged official
- (D) The report of the Inquiry Officer

Fill in the blanks