

Model Questions(Technical) for JE/TMC in Level-6

1. Lining systems are used onmachines
 - a. CSM & 3X only
 - b. UNO & DUO only
 - c. all tamping machines only
 - d. all track machines

2. During alignment machine corrects
 - a. Slew
 - b. versine
 - c. cant
 - d. cross level

3. Versine of curved track depends on
 - a. radius of curve
 - b. measuring chord length
 - c. measurement method
 - d. all of a,b & c

4. Double chord lining system is used on machine
 - a. UT Only
 - b. Old UNO & DUO only
 - c. CSM & Tamping Express
 - d. only CSM

5. In DUOMATIC/UNOMATIC, super elevation is fed from
 - a. Working cabin
 - b. Front cabin
 - c. Both cabin
 - d. Any cabin

6. In levelling system, there are height transducers
 - a. Two
 - b. Three
 - c. Four
 - d. One

7. Longitudinal levels are measured byin levelling system
 - a. pendulum
 - b. General lift potentiometer
 - c. Height transducer
 - d. Cant potentiometer

8. In levelling system, front pendulum is used for correction ofautomatically
 - a. Longitudinal level
 - b. Cross level
 - c. versine
 - d. Twist

9. In levelling system, middle pendulam is used for
- a. Cross level correction
 - b. Indication of cross level
 - c. Cannot say
 - d. Twist
10. The output of the rear pendulum servesfunctions in CSM
- a. 1
 - b. 2
 - c. 3
 - d. 4
11. TLE(SQRS) is aton capacity machine.
- (a) 5
 - (b) 9
 - (c) 12
 - (d) none
12. PQRS is asystem of track renewal-
- (a) Fully Mechanized
 - (b) Semi-Mechanized
 - (c) both
 - (d) none
13. PQRS lays
- (a) Prefabricated panels
 - (b) Individual Sleepers
 - (c) both
 - (d) none
14. Oil change of Z. F. Gear Box is done at:
- (a) 500 Hrs.
 - (b) 1000 Hrs
 - (c) 2000 Hrs
 - (d) None of the above
15. Capacity of ZF Gear Box is:
- (a) 45 lts
 - (b) 20 lts
 - (c) 100 lts.
 - (d) None of the above
16. By which Tool/Instrument, the flow of hydraulic pump will be checked?
- (a) Flow meter
 - (b) Hydrometer
 - (c) Pressure Gauge
 - (d) None of the above
17. How many engines are provided on BCM-
- (a) 01 No.
 - (b) 02 Nos.
 - (c) 03 Nos.
 - (d) None of the above
18. What is the type of engine provided on BCM-
- (a) Cummins
 - (b) Deutz
 - (c) MWM
 - (d) None of the above
19. How many types of conveyor belts are provided on BCM-
- (a) One type
 - (b) Two type
 - (c) Three type
 - (d) None of the above

20. Cleaned ballast is put into the track through.....conveyor belt.
(a) Main (b) Distribution (c) Waste (d) None of the above
21. How many maintenance schedules are there in Duomatic machine-
(a) 7 (b) 4 (c) 5 (d) None of the above
22. Schedule-I is done for Tamping machine in-
(a) 1hr (b) 2hrs (c) 5hrs (d) None of the above
23. 50 hrs schedule-II is done for Tamping machines in-
(a) 1hr (b) 2hrs (c) 5hrs (d) None of the above
24. Schedule-III for 09-CSM/09-3X machine is done at-
(a) 100hrs (b) 200hrs (c) 500hrs (d) None of the above
25. Schedule-IV for 09-CSM/09-3X machine is done at-
(a) 200hrs (b) 500hrs (c) 1000hrs (d) None of the above
26. Schedule-V for 09-CSM/09-3X machine is done at-
(a) 1000hrs (b) 5000hrs (c) 10000hrs (d) None of the above
27. When selecting a pipe for hydraulic lines always make sure it will withstand the system.....
(a) Flow (b) Pressure (c) Force (d) None
28. A positive seal..... even a minute amount of fluid from getting past.
(a) prevents (b) permits (c) either (a) & (b) (d) None
29. A non positive seal..... a small amount of internal leakage.
(a) Prevents (b) permits (c) both a&b (d) None
30.seals are installed between parts which move relative to one another.
(a) Positive (b) Non positive (c) Dynamic (d) Static

40. For double Insertion, general Lift value in PSC sleeper should exceed
- | | |
|----------|-----------|
| a. 50 mm | b. 100 mm |
| c. 20 mm | d. 30 mm |
41. In smoothing mode, general lift over the Base rail is generally
- | | |
|--------------------|------------------|
| a. fixed | b. varies |
| c. Fixed or varies | d. None of these |
42. In smoothing mode, Longitudinal level and Cross-level are corrected
- | | |
|---------------|-------------------|
| a. completely | b. Not completely |
| c. Cannot say | d. None of these |
43. In Design or Precision mode, is fed by general lift potentiometer over base rail.
- | | |
|-----------------|------------------|
| a. General lift | b. Target height |
| c. slew | d. Versine |
44. Track Machines are equipped with IC engines.
What stands for IC?
- | | |
|------------------------|-------------------------|
| a) Inter connected | b) Integrated Circuit |
| c) Internal Combustion | d) Industrial Certified |
45. BCM engines are
- | | | | |
|-------------|---------------|-----------------|-----------------|
| a) Air cool | b) Water cool | c) Both of them | d) None of them |
|-------------|---------------|-----------------|-----------------|
46. Fuel pump is used in _____ engines
- | | | | |
|----------|--------|--------|----------------|
| a) Duetz | b) MWM | c) SUN | d) All of them |
|----------|--------|--------|----------------|
47. Function of turbo charger is
- | | |
|-----------------------------|---------------------------|
| a) To cool the engine | b) To increase engine RPM |
| c) To increase HP of engine | d) none of these |
48. Self-starter is used to
- | | |
|------------------------|----------------------|
| a) To start the engine | b) To run the engine |
| c) To charge battery | d) none of these |

49. Alternator is used to

- a) To start the engine
- b) To run the engine
- c) To charge battery
- d) none of these

50. Turbo charger runs

- a) At engine RPM
- b) At below 100000 RPM
- c) Above 100000 RPM
- d) None of these

51. Thermostat is used to _____ water into radiator.

- a) allow
- b) restrict
- c) both of them
- d) None of them