

Code No: 56092

Set No. 1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, April – 2014

OPEN CAST DRILLING AND PRODUCTION EQUIPMENT

Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I Choose the correct alternative:

1. Inter cooler is used to _____ the temperature of the air entering into the engine []
a. Increase b. Decrease c. Both d. No of the above
2. In air operator systems unloader valve is used to _____ the air in the system as per the standard pressure []
a. Increase b. Decrease c. Both d. No of the above
3. Lubrication oils are used for lubrication and for []
a. Increase the temperature b. Decrease the temperature
c. Cooling d. Both (B) & (C)
4. Which motors are used in swing operation of an excavator. []
a. Track motors b. Swing motors c. Both d. None of the above
5. Idle RPM of a engine is []
a. 1900 b. 2900 c. 600 d. 900
6. Scrapers are classified in to []
a. Single power axle b. Tandem power axles c. Both d. None of the above
7. Scrapers are designed to []
a. Load b. Haul c. Dump d. All the above
8. Scraper bowl is used for []
a. Cutting the material b. Loading the material c. Both d. None
9. Scraper is loaded by lowering the bowl []
a. Front end b. Rear end c. Both d. None
10. Automatic fire extinguisher come in which category []
a. Environment b. Safety c. Information system (IT) d. All the above

Cont.....2

II Fill in the blanks

11. Hydraulic system works on _____ law
12. Radiator contains which fluid _____
13. No of cycles for a healthy combination of excavator and a dumper is _____
14. Periodic maintenance is nothing but a _____ maintenance
15. Machines which moves on tyres is called as a _____ mounted equipments
16. Two types of scrapers are _____
17. In scrapers apron is used as _____
18. _____ is the loading component in surface miner
19. High temperature sensor is used in engine for _____ the engine when it reaches max temperature
20. In surface miner material is transported by _____ drive

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Set No. 2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, April – 2014

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Objective Exam

Name: _____ **Hall Ticket No.**

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I Choose the correct alternative:

1. Which motors are used in swing operation of an excavator. []
a. Track motors b. Swing motors c. Both d. None of the above
2. Idle RPM of a engine is []
a. 1900 b. 2900 c. 600 d. 900
3. Scrapers are classified in to []
a. Single power axle b. Tandem power axles c. Both d. None of the above
4. Scrapers are designed to []
a. Load b. Haul c. Dump d. All the above
5. Scraper bowl is used for []
a. Cutting the material b. Loading the material c. Both d. None
6. Scraper is loaded by lowering the bowl []
a. Front end b. Rear end c. Both d. None
7. Automatic fire extinguisher come in which category []
a. Environment b. Safety c. Information system (IT) d. All the above
8. Inter cooler is used to _____ the temperature of the air entering into the engine []
a. Increase b. Decrease c. Both d. No of the above
9. In air operator systems unloader valve is used to _____ the air in the system as per the standard pressure []
a. Increase b. Decrease c. Both d. No of the above
10. Lubrication oils are used for lubrication and for []
a. Increase the temperature b. Decrease the temperature
c. Cooling d. Both (B) & (C)

Cont.....2

II Fill in the blanks

11. Periodic maintenance is nothing but a _____ maintenance
12. Machines which moves on tyres is called as a _____ mounted equipments
13. Two types of scrapers are _____
14. In scrapers apron is used as _____
15. _____ is the loading component in surface miner
16. High temperature sensor is used in engine for _____ the engine when it reaches max temperature
17. In surface miner material is transported by _____ drive
18. Hydraulic system works on _____ law
19. Radiator contains which fluid _____
20. No of cycles for a healthy combination of excavator and a dumper is _____

Code No: 56092

Set No. 3

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, April – 2014

OPEN CAST DRILLING AND PRODUCTION EQUIPMENT

Objective Exam

Name: _____ **Hall Ticket No.**

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I Choose the correct alternative:

1. Scrapers are classified in to []
a. Single power axle b. Tandem power axles c. Both d. None of the above
2. Scrapers are designed to []
a. Load b. Haul c. Dump d. All the above
3. Scraper bowl is used for []
a. Cutting the material b. Loading the material c. Both d. None
4. Scraper is loaded by lowering the bowl []
a. Front end b. Rear end c. Both d. None
5. Automatic fire extinguisher come in which category []
a. Environment b. Safety c. Information system (IT) d. All the above
6. Inter cooler is used to _____ the temperature of the air entering into the engine []
a. Increase b. Decrease c. Both d. No of the above
7. In air operator systems unloader valve is used to _____ the air in the system as per the standard pressure []
a. Increase b. Decrease c. Both d. No of the above
8. Lubrication oils are used for lubrication and for []
a. Increase the temperature b. Decrease the temperature
c. Cooling d. Both (B) & (C)
9. Which motors are used in swing operation of an excavator. []
a. Track motors b. Swing motors c. Both d. None of the above
10. Idle RPM of a engine is []
a. 1900 b. 2900 c. 600 d. 900

Cont.....2

II Fill in the blanks

11. Two types of scrapers are _____
12. In scrapers apron is used as _____
13. _____ is the loading component in surface miner
14. High temperature sensor is used in engine for _____ the engine when it reaches max temperature
15. In surface miner material is transported by _____ drive
16. Hydraulic system works on _____ law
17. Radiator contains which fluid _____
18. No of cycles for a healthy combination of excavator and a dumper is _____
19. Periodic maintenance is nothing but a _____ maintenance
20. Machines which moves on tyres is called as a _____ mounted equipments

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Set No. 4

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, April – 2014

OPEN CAST DRILLING AND PRODUCTION EQUIPMENT

Objective Exam

Name: _____ **Hall Ticket No.**

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I Choose the correct alternative:

1. Scraper bowl is used for []
a. Cutting the material b. Loading the material c. Both d. None
2. Scraper is loaded by lowering the bowl []
a. Front end b. Rear end c. Both d. None
3. Automatic fire extinguisher come in which category []
a. Environment b. Safety c. Information system (IT) d. All the above
4. Inter cooler is used to _____ the temperature of the air entering into the engine []
a. Increase b. Decrease c. Both d. No of the above
5. In air operator systems unloader valve is used to _____ the air in the system as per the standard pressure []
a. Increase b. Decrease c. Both d. No of the above
6. Lubrication oils are used for lubrication and for []
a. Increase the temperature b. Decrease the temperature
c. Cooling d. Both (B) & (C)
7. Which motors are used in swing operation of an excavator. []
a. Track motors b. Swing motors c. Both d. None of the above
8. Idle RPM of a engine is []
a. 1900 b. 2900 c. 600 d. 900
9. Scrapers are classified in to []
a. Single power axle b. Tandem power axles c. Both d. None of the above
10. Scrapers are designed to []
a. Load b. Haul c. Dump d. All the above

Cont.....2

II Fill in the blanks

11. _____ is the loading component in surface miner
12. High temperature sensor is used in engine for _____ the engine when it reaches max temperature
13. In surface miner material is transported by _____ drive
14. Hydraulic system works on _____ law
15. Radiator contains which fluid _____
16. No of cycles for a healthy combination of excavator and a dumper is _____
17. Periodic maintenance is nothing but a _____ maintenance
18. Machines which moves on tyres is called as a _____ mounted equipments
19. Two types of scrapers are _____
20. In scrapers apron is used as _____