**Questions Bank**

**Subject; Automobile trouble and maintenance II**

Multiple choice questions

 (1)-Maintenance consist of the following action(s)

(A) Replace of component

B) Repair of component

(C) Service of component

(D) All of the above

(2)The following is not a classification of maintenance

(A) Corrective maintenance

(B) Timely maintenance

(C) Scheduled maintenance

(D) Preventive maintenance

(3)Belt of an electric motor is broken, it needs

(A) Corrective maintenance

(B) Scheduled maintenance

(C) Preventive maintenance

(D) Timely maintenance

(4)-The following is (are) scheduled maintenance

(A) Overhauling of machine

(B) Cleaning of tank

(C) Whitewashing of building

(D) All of the above

(5)Scheduled maintenance is \_\_\_\_\_\_\_ between breakdown maintenance and the preventive maintenance.

(A) Joint

(B) Compromise

(C) Bridge

(D) In

(6)With the increase in preventive maintenance cost, breakdown maintenance cost

(A) Increases

(B) Decreases

(C) Remain same

(D) Any of the above

(7)A systematic approach for maintenance is

(A) Problem – Cause – Diagnosis – Rectification

(B) Problem– Diagnosis – Cause – Rectification

(C) Problem – Measure – Diagnosis – Rectification

(D) Problem– Diagnosis – Measure – Rectification

(8)Total Productive maintenance (TPM) approach has the potential of providing almost a seamless integration between

(A) Production and Quality

(B) Quality and Maintenance

(C) Production and Maintenance

(D) All of the above

(9) broken out crankshaft bearing its need to---------

(A) Repair (B) Replace(c) both A and

( D) service of bearing

(10) clutch pedal goes down to the floor

(A) leakage clutch cylinder B)worn out clutch

( c) broken clutch plate D) All of these

11)Drive (live) axles

(A) are simply beams which supports the vehicle weight

(B) are usually the front axles

(C) contain differential

D)All of the above

12)Dead axles

(A) are simply beams which supports the vehicle weight

(B) are usually the rear axles

(C) contain differential

(D) all of the above

13)Telescopic shock observer consists of

(A) One chamber

(B) two chambers

(C) three chamber

D)four chamber

14) The conditioned air supplied to the room must have the capacity to take up.......

 A.Room sensible heat load only

B.Room latent heat load only

C.Both B and C

D)All of these

15)-The following type of arrangement is used in synchromesh type gear box

(A) Single plate clutch

(B) Fluid clutch

(C) Dog clutch

(D) Semi-centrifugal clutch

16)-The torque which a clutch can transmit, depends upon the

(A) coefficient of friction

(B) spring force

(C) contact surfaces

(D) all of the above

17)-In Disc clutch, engine flywheel acts as a

(A) driving plate

(B) driven plate

(C) pressure plate

(D) none of the above

18)In which of the gearbox all gears are always in contact?

A Constant-mesh gearbox

B Sliding mesh gearbox

C Synchromesh gearbox

D Epicyclical gearbox

19)Which of the following is not part of automatic transmission?

A Epicyclic gearbox

B Torque convertor

C Multi-plate clutch

D Sliding mesh gearbox

20) Which types of gears are used in constant mesh gearbox?

A Spur gear

B Helical gear

C Bevel gear

D All of the above

**EXPLAIN IN BRIEF 10 MARKS**

1)Draw neat sketch diagram of clutch and explain in brief servicing of clutch ?

2)Draw neat sketch diagram of Gear box and explain in brief servicing of Gear box ?

(3)Draw neat sketch diagram of Differential and explain in brief servicing of Differential ?

(4)Draw neat sketch diagram of suspension system and explain in brief servicing of suspension system ?

5)draw neatsketch diagram of air conditioning system and servicing?

6)give list of the causes and remedy faulty stator?

7)give list of the causes and remedy faulty differential?

8)explin grade ability of vehicle?

9)explain the troubleshooting of drive line?

10)explain the troubleshooting of braking system?

11)explain troubleshooting of clutch?

**Explain in short 5 marks**

 1) What is the reason clutch pedal goes down on floor board?

 2) clutch make noise when engaged give possible causes and remedies?

3)Gear slips give possible causes and remedies?

4)Gear shifting give possible causes and remedies?

(5)what is the general Awareness of vehicle servicing?

(6)what is Grade ability of vehicle ?

 (7)Noise in suspension system Give possible causes and remedies?

 (8) Blower motor inoperative Give possible causes and remedies?

9) what is the causes of faulty stator?

10)what is the drawbar horse power?

11)gear box making noise in running give causes?

12)what is tractive power and propelling power?

13)what is weight ratio of vehicle?

14)what is automotive resistance?

15)explain troubleshooting of blower motor?