

Question Paper Preview

Notations :

- 1.Options shown in **green** color and with  icon are correct.
- 2.Options shown in **red** color and with  icon are incorrect.

Subject Name :	Technician B Diesel Mechanic with HVD Licence
Duration :	90
Total Marks :	80
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	No
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No

Show Reports :	No
Show Progress Bar :	No

Technician B Diesel Mechanic with HVD Licence

Group Number :	1
Group Id :	40255783
Group Maximum Duration :	0
Group Minimum Duration :	90
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	80
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Curriculum Based

Section Id :	40255783
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	80
Number of Questions to be attempted :	80
Section Marks :	80
Enable Mark as Answered Mark for Review and Clear Response :	Yes

Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	40255783
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 1 Question Id : 4025576561 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The punch used for Location of divider points is

- A. Centre Punch
- B. 30⁰ Prick punch
- C. 60⁰ Prick Punch
- D. None of the above

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 1 Question Id : 4025576561 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

विभाजक बिन्दुओं की स्थिति ज्ञात करने के लिए प्रयुक्त छिद्रक (पंच)

- A. मध्य छिद्रक
- B. 30° प्रिक छिद्रक
- C. 60° प्रिक छिद्रक
- D. उपरोक्त में से कोई नहीं

Options :

✘ A

✔ B

✘ C

✘ D

Question Number : 2 Question Id : 4025576562 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Internal diameter of Crank Journal can be measured accurately by

- A. Vernier Caliper
- B. Steel Rule
- C. Bore Dial gauge
- D. Inside calipers

Options :

✘ A

✖ B

✔ C

✖ D

Question Number : 2 Question Id : 4025576562 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

क्रैंक जरनल का आंतरिक व्यास सटीकता से किसके द्वारा मापा जा सकता है।

- A. वर्नियर कैलीपर
- B. स्टील रूल
- C. बोर डायल गेज
- D. इनसाइड कैलीपर

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 3 Question Id : 4025576563 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

In sheet metal work, when making job with 90° bend, _____ notch is used

- A. V Notch
- B. 60° Notch
- C. 45° Notch
- D. Straight notch

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 3 Question Id : 4025576563 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

धातु चादर कार्य में, जब 90° मोड़ के साथ जॉब तैयार किया जाता है तो
खांचा प्रयोग किया जाता है।

- A. वी खांचा
- B. 60° खांचा
- C. 45° खांचा
- D. सीधा खांचा

Options :

✓ A

✖ B

✖ C

✖ D

Question Number : 4 Question Id : 4025576564 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Thread angle of ISO Metric thread is

A. 30°

B. 60°

C. 55°

D. 47.5°

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 4 Question Id : 4025576564 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

आईएसओ मेट्रिक थ्रेड में चूड़ी का कोण कितना होता है

- A. 30^0
- B. 60^0
- C. 55^0
- D. 47.5^0

Options :

✘ A

✔ B

✘ C

✘ D

Question Number : 5 Question Id : 4025576565 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Shape of head of a thumb screw is

- A. Hexagonal
- B. Thumb
- C. Triangular
- D. Circular

Options :

✘ A

✖ B

✖ C

✔ D

Question Number : 5 Question Id : 4025576565 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक थंब स्कू के शीर्ष का आकार होता है.....

A षटभुजाकार

B अंगुष्ठानुमा (थंब)

C त्रिभुजाकार

D वृत्तीय

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 6 Question Id : 4025576566 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Most common material for hacksaw blade is

- A. High carbon steel
- B. Medium carbon steel
- C. Stainless steel
- D. Wrought iron

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 6 Question Id : 4025576566 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

धातुकाट आरी फलक के लिए आमतौर पर प्रयुक्त पदार्थ

- A. उच्च कार्बन इस्पात
- B. मध्यम कार्बन इस्पात
- C. स्टेनलैस इस्पात
- D. पिटवां लोहा

Options :

✓ A

✖ B

✖ C

✖ D

Question Number : 7 Question Id : 4025576567 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Pitch of Hacksaw blade used for sawing of sheet metal is

A. Coarse pitch

B. Medium pitch

C. Fine pitch

D. Curved pitch

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 7 Question Id : 4025576567 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

परत धातु के चिराई के लिए पिच की धातुकाट आरि का प्रयोग किया जाता है।

- A. स्थूल पिच
- B. माध्यम पिच
- C. महीन पिच
- D. वक्रित पिच

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 8 Question Id : 4025576568 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

In a drawing the dimension of a hole is shown as $50^{+0.040}_{+0.028}$ mm. Which size of the following is within tolerance range?

- A. 50.000 mm
- B. 50.010 mm
- C. 50.038 mm
- D. 50.050 mm

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 8 Question Id : 4025576568 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक ड्राइंग में एक छेद का आयाम $50^{+0.040}_{+0.028}$ mm. दर्शाया गया है। निम्न में से कौन सा आकार सह्यता रेंज के भीतर है।

- A. 50.000 mm
- B. 50.010 mm
- C. 50.038 mm
- D. 50.050 mm

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 9 Question Id : 4025576569 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

A 20mm drill has to be made in mild steel plate on a drilling machine. What is the Spindle speed while cutting speed in mild steel is 44 m/min?

- A. 500 r.p.m
- B. 600 r.p.m
- C. 800 r.p.m
- D. 1000 r.p.m

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 9 Question Id : 4025576569 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

ड्रिलिंग मशीन पर मृदुल इस्पात प्लेट में एक 20mm ड्रिल को तैयार करना है। मृदुल इस्पात को काटते समय उसकी गति 44m/min है तो तर्कु की गति क्या होगी?

- A. 500 आरपीएम
- B. 600 आरपीएम
- C. 800 आरपीएम
- D. 1000 आरपीएम

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 10 Question Id : 4025576570 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

A dynamo in automobile is a

- A. Alternate current generator
- B. Direct current generator
- C. Voltage regulating device
- D. Electricity storage Accumulator

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 10 Question Id : 4025576570 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

ऑटोमोबाइल में एक डायनमो है

- A. वैकल्पिक धारा जनरेटर
- B. सीधा धारा जनरेटर
- C. वोल्टेज नियामिक उपकरण
- D. बिजली संग्रहण संचयक

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 11 Question Id : 4025576571 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Filaments of bulbs are generally made up of

- A. Nickel
- B. Chromium
- C. Tungsten
- D. Tin

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 11 Question Id : 4025576571 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

बल्ब के फिलामेंट आमतौर परसे बनाए जाते हैं।

- A. निकेल
- B. क्रोमियम
- C. टंगस्टन
- D. टिन

Options :

✖ A

✖ B

✔ C

✘ D

Question Number : 12 Question Id : 4025576572 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The effect produced on soft iron bar when it is placed in current carrying coil is

- A. It gets heated up
- B. It gets force acting it
- C. It gets magnetized
- D. It gets shock

Options :

✘ A

✘ B

✔ C

✘ D

Question Number : 12 Question Id : 4025576572 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

मृदु लोहे की छड़ को किसी कुंडली जिसमें धारा प्रवाहित हो रही है, में रखने पर प्रभाव उत्पन्न होता है

- A. यह गर्म हो जाती है
- B. इस पर बल लगने लगता है
- C. यह चुम्बकीय हो जाती है
- D. इसपर झटका लगता है

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 13 Question Id : 4025576573 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Power of the lamp in Watts which takes current of 4A with voltage of 240V is

- A. 236 W
- B. 244 W
- C. 480 W
- D. 960 W

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 13 Question Id : 4025576573 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

240V की वोल्टता सहित 4A की धारा लेनेवाली लैंप की शक्ति है.....।

A. 236 W

B. 244 W

C. 480 W

D. 960 W

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 14 Question Id : 4025576574 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The use of Bourdon tube is

- A. To measure pressure
- B. To measure flow of liquid
- C. To measure temperature
- D. To measure air flow

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 14 Question Id : 4025576574 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

बोर्डॉन नलिका का उपयोग है

- A. दाब का मापन
- B. द्रव के प्रवाह का मापन
- C. तापमान का मापन
- D. वायु प्रवाह का मापन

Options :

✓ A

✖ B

✖ C

✖ D

Question Number : 15 Question Id : 4025576575 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

When a pressure of 40 bar is applied on the wheel cylinder piston whose area is 2.5 sq.cms then the force acting on the piston would be

- A. 16 kgf
- B. 50 kgf
- C. 100 kgf
- D. 200 kgf

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 15 Question Id : 4025576575 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

पहिए के बेलनाकार पिस्टन जिसका क्षेत्रफल 2.5 वर्ग सें.मी. है, पर 40 दंड (बार) का दाब लगाय जाता है तो पिस्टन पर लगने वाला बल होगा

- A. 16 kgf
- B. 50 kgf
- C. 100 kgf
- D. 200 kgf

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 16 Question Id : 4025576576 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The propelled system must have minimum engine capacity for declaring as Motor Vehicle is

- A. Exceeding 25 cc
- B. Exceeding 50 cc
- C. Exceeding 100 cc
- D. Exceeding 150 cc

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 16 Question Id : 4025576576 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

मोटर वाहन के रूप में घोषित करने के लिए नोदक प्रणाली की न्यूनतम इंजन क्षमता ...है

- A. 25 cc से अधिक
- B. 50 cc से अधिक
- C. 100 cc से अधिक
- D. 150 cc से अधिक

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 17 Question Id : 4025576577 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Power developed with in the engine cylinder is

- A. IHP
- B. BHP
- C. FHP
- D. None of the above

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 17 Question Id : 4025576577 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इंजन सिलेंडर में उत्पन्न शक्ति है

- A. IHP
- B. BHP
- C. FHP
- D. उपरोक्त में से कोई नहीं

Options :

✓ A

✗ B

✗ C

✖ D

Question Number : 18 Question Id : 4025576578 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Electrical fuel gauge indicates the quantity of

- A. Diesel
- B. Coolant
- C. Lubricating oil
- D. None of the above

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 18 Question Id : 4025576578 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

विद्युतीय ईधन गेज के परिमाण को सूचित करता है।

- A. डीजल
- B. शीतलक
- C. चिकनाई तेल
- D. उपरोक्त में से कोई नहीं

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 19 Question Id : 4025576579 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

EGR system is in

- A. Cooling system
- B. Fuel system
- C. Exhaust system
- D. None of the above

Options :

✗ A

✗ B

✓ C

✗ D

Question Number : 19 Question Id : 4025576579 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

.....में ईजीआर प्रणाली है

- A. प्रशीतन प्रणाली
- B. ईंधन प्रणाली
- C. निष्कासन प्रणाली
- D. उपरोक्त में से कोई नहीं

Options :

✗ A

✗ B

✓ C

✗ D

Question Number : 20 Question Id : 4025576580 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Power is less for the same size and the same number of revolutions in

- A. Two stroke engine
- B. Four stroke engine
- C. Both (a) and (b)
- D. None of the above

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 20 Question Id : 4025576580 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

समान आकार तथा समान घूर्णनों के लिए ----- में कम शक्ति की आवश्यकता होती है

- A. दो स्ट्रोक इंजन
- B. चार स्ट्रोक इंजन
- C. A और B दोनों
- D. उपरोक्त में से कोई नहीं

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 21 Question Id : 4025576581 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Ignition advance is expressed in terms of

- A. Crank angle
- B. Millimeters of piston travel before TDC
- C. Time in milli second
- D. Any of the above

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 21 Question Id : 4025576581 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

प्रज्वालन अग्रिम को किस रूप में अभिव्यक्त किया जाता है....

- A क्रैंक कोण
- B टीडीसी से पहले पिस्टन यात्रा को मिलीमीटर
- C मिली सेकेंड में समय
- D उपरोक्त में से कोई भी

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 22 Question Id : 4025576582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

In a diesel engine the duration between the time of injection and time of ignition is called

- A. Spill cut off
- B. Delay period
- C. Period of injection
- D. Period of ignition

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 22 Question Id : 4025576582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक डीजल इंजन में अंतः क्षेपण का समय तथा प्रज्वलन के बीच का समय कहलाता है

- A. स्पिल कट ऑफ
- B. विलंबित अवधि
- C. अंतःक्षेपण की अवधि
- D. प्रज्वलन की अवधि

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 23 Question Id : 4025576583 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The stroke is increased when the

- A. Piston is shortened
- B. Connecting rod is lengthened
- C. Crankshaft through is lengthened
- D. Piston pin is moved nearer to the crankshaft

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 23 Question Id : 4025576583 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

स्ट्रोक बढ़ जाते हैं जब

- A. पिस्टन को छोटा किया जाता है
- B. संयोजन छड़ की लम्बाई बढ़ाई जाती है
- C. क्रेकशाफ्ट थ्रो की लम्बाई बढ़ाई जाती है
- D. पिस्टन पिन को क्रेकशाफ्ट के नजदीक लाया जाता है

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 24 Question Id : 4025576584 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

When no 1 piston of a four-cylinder in-line four-stroke engine is performing the power stroke. No 4 piston is on the stroke called

- A. Suction
- B. Compression
- C. Power
- D. Exhaust

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 24 Question Id : 4025576584 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

जब एक चार सिलेंडर वाला चार आघात इंजन का सं. 1 पिस्टन आघात पर शक्ति आघात सं. 4 पिस्टन पर निष्पादन करता है तो कहलाता है....

- A चूषण
- B संपीडन
- C शक्ति
- D निकासी

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 25 Question Id : 4025576585 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Theoretically air required for the combustion of one kg of fuel is

- A. 10 kg
- B. 14.5 kg
- C. 16.7 kg
- D. 17.4 kg

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to

all candidates.

Options :

- A
- B
- C
- D

Question Number : 25 Question Id : 4025576585 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक किग्रा. ईंधन के दहन के लिए सैद्धांतिक रूप से आवश्यक वायु है.....

- A 10 किग्रा.
- B 14.5 किग्रा.
- C 16.7 किग्रा.
- D 17.4 किग्रा.

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Options :

- A
- B
- C
- D

Question Number : 26 Question Id : 4025576586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The cross-sectional area of one cylinder of an engine multiplied by its stroke is called

- A. Clearance volume
- B. Combustion volume
- C. Swept volume
- D. Engine capacity

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 26 Question Id : 4025576586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक इंजन के एक सिलेंडर के अनुप्रस्थ काट क्षेत्रफल को उसके स्ट्रोक से गुणा करने पर कहलाता है

- A. निष्कासन आयतन
- B. दहन आयतन
- C. स्वेप्ट आयतन
- D. इंजन की दक्षता

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 27 Question Id : 4025576587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The unit of brake power is

- A. Kilo Newton
- B. Kilo Watt
- C. Kilo volts
- D. Kilo Newton-meter

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 27 Question Id : 4025576587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

ब्रेक शक्ति की इकाई है

- A. किलो न्यूटन
- B. किलो वॉट
- C. किलो वोल्ट
- D. किलो न्यूटन-मीटर

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 28 Question Id : 4025576588 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Big end bearings are made of

- A. Cast iron
- B. Brass
- C. White metal
- D. Steel

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 28 Question Id : 4025576588 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

बिग एंड बेयरिंग इससे बनाए जाते हैं

- A. ढलवाँ लोहा
- B. पीतल
- C. श्वेत धातु
- D. इस्पात

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 29 Question Id : 4025576589 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Overheating of a two-stroke air cooled engine cannot be due to

- A. Partly restricted exhaust system
- B. Incorrect ignition or valve timing
- C. Lack of cylinder jacket cooling water
- D. Restricted air cleaner

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 29 Question Id : 4025576589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

द्वि आघात वायु शीतलन इंजन का अतिऊष्मन का कारण नहीं हो सकता

- A. आंशिक सीमित निकासी प्रणाली
- B. गलत प्रज्वलन या वाल्व समय
- C. सिलेंडर जैकेट शीतलन जल की कमी
- D. सीमित वायु मार्जक

Options :

✖ A

✖ B

✓ C

✗ D

Question Number : 30 Question Id : 4025576590 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The exhaust valve usually starts opening

- A. At BDC
- B. At TDC
- C. Before BDC
- D. Before TDC

Options :

✗ A

✗ B

✓ C

✗ D

Question Number : 30 Question Id : 4025576590 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

सामान्यतः रेचन वाल्व खुलना शुरू होते हैं

- A. BDC पर
- B. TDC पर
- C. BDC से पहले
- D. TDC से पहले

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 31 Question Id : 4025576591 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Type of bearing used at crank shaft

- A. Ball bearing
- B. Roller bearing
- C. Plain bearing
- D. Design bearing

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 31 Question Id : 4025576591 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

क्रैंक शाफ्ट में किस प्रकार के बेयरिंग का प्रयोग किया जाता है?

- A. बॉल बेयरिंग
- B. रोलर बेयरिंग
- C. सादा बेयरिंग
- D. डिजायन बेयरिंग

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 32 Question Id : 4025576592 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

There are two types of rings which are mounted on a piston

- A. Cord ring and oil ring
- B. Compression and oil ring
- C. Oil ring and small ring
- D. Compression ring and perforated ring

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 32 Question Id : 4025576592 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक पिस्टन पर दो किस्म के छल्ले बिठाए गए हैं।

- A. डोरी (कॉर्ड) छल्ला तथा तेल के छल्ले
- B. संपीडन एवं तेल के छल्ले
- C. तेल के छल्ले एवं छोटे छल्ले
- D. संपीडन छल्ले एवं छिद्रित छल्ले

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 33 Question Id : 4025576593 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The function of a flywheel is to

- A. Complete the un-useful stroke
- B. Operate the engine
- C. Keep the engine weight light
- D. None of these

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 33 Question Id : 4025576593 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

फ्लाईव्हील का कार्य होता है

A प्रयोग में न आने वाले आघात को पूरा करना

B इंजन का प्रचालन

C इंजन के भार को हल्का रखना

D उपरोक्त में से कोई नहीं।

Options :

✓ A

✗ B

✖ C

✖ D

Question Number : 34 Question Id : 4025576594 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Exhaust gas leakage into the cooling system is most likely to be due to defective

- A. Cylinder head gasket
- B. Manifold gasket
- C. Water pump
- D. Radiator

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 34 Question Id : 4025576594 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

शीतलन प्रणाली में गैस निष्कासन रिसाव अधिकतरइस कमी के कारण होता है

- A. सिलेंडर के शीर्ष का गैसकेट
- B. मैनीफोल्ड गैसकेट
- C. जल पंप
- D. रेडियेटर

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 35 Question Id : 4025576595 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

In S.I. engine the intake valve closes

- A. At BDC
- B. At TDC
- C. 25° to 84° after BDC
- D. 25° to 80° before BDC

Options :

✗ A

✗ B

✓ C

✗ D

Question Number : 35 Question Id : 4025576595 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एसआई इंजनों में इनटेक वाल्व बंद होता है.....

- A बीडीसी में
- B टीडीसी में
- C बीडीसी के बाद 25° से 84°
- D बीडीसी के पहले 25° से 80°

Options :

✘ A

✘ B

✔ C

✘ D

Question Number : 36 Question Id : 4025576596 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The centrifugal advance mechanism is located

- A. On the camshaft
- B. At the drive gear
- C. On the crankshaft balance
- D. In the distributor

Options :

✘ A

✖ B

✖ C

✔ D

Question Number : 36 Question Id : 4025576596 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

अपकेंद्री उन्नत तंत्र अवस्थित होता है

A. कैमशाफ्ट पर

B. चालन गियर पर

C. क्रैंकशाफ्ट संतुलन पर

D. वितरक में

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 37 Question Id : 4025576597 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The function of oil scraper rings is to

- A. Retain compression
- B. Lubricate cylinder walls
- C. Reduce piston wear
- D. Maintain vacuum

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 37 Question Id : 4025576597 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

तेल निर्घर्षक छल्ले का कार्य होता है.....

- A संपीडन बनाए रखना
- B सिलेंडर दीवारों का स्नेहन
- C पिस्टन परिघर्षण घटाना
- D निर्वात बनाए रखना

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 38 Question Id : 4025576598 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

A dish in the piston head is employed to

- A. Decrease piston weight
- B. Provide valve clearance
- C. Control compression ratio
- D. Adjust piston displacement

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 38 Question Id : 4025576598 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

पिस्टन शीर्ष में लगी डिश कोके लिए लगाया जाता है

- A. पिस्टन का भार कम करने
- B. वाल्व निष्कासित करने
- C. संपीडन अनुपात नियंत्रित करने
- D. पिस्टन के विस्थापन का समायोजन करने

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 39 Question Id : 4025576599 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Engine overheating may result due to

- A. Radiator pressure cap stuck closed
- B. Thermostat stuck open
- C. Broken fan belt
- D. Excess coolant in the system

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 39 Question Id : 4025576599 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इंजन में अधितापनके कारण होता है

- A. रेडियेटर दाप कैप स्टक बंद हो जाए
- B. थर्मोस्टैट स्टक खुल जाए
- C. पंखे की टूटी हुई पेटी
- D. प्रणाली में आवश्यकता से अधिक प्रशीतन

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 40 Question Id : 4025576600 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

On leaving the engine the coolant goes to

- A. Pump inlet
- B. Header tank
- C. Collector tank
- D. None of the above

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 40 Question Id : 4025576600 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इंजन छोड़ने पर प्रशीतनतक जाता है।

- A. पम्प इन्लैट
- B. शीर्ष टैंक
- C. कलेक्टर टैंक
- D. उपरोक्त में से कोई नहीं

Options :

✖ A

✓ B

✗ C

✗ D

Question Number : 41 Question Id : 4025576601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The principle of a radiator of an engine cooling system is to

- A. Act as a reservoir for the water
- B. Cause heat flow by convection currents
- C. Spread out the hot water over a large area
- D. Increase the air speed as it flows over the hot surface

Options :

✗ A

✗ B

✓ C

✗ D

Question Number : 41 Question Id : 4025576601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

किसी इंजन की शीतलन प्रणाली के विकिरक का सिद्धांत है

- A. जल के भंडार की तरह कार्य करना
- B. संवहन धाराओं द्वारा ऊष्मा का प्रवाह
- C. गर्म पानी को बड़े क्षेत्र में फैलाना
- D. तप्त सतह के ऊपर प्रवाहित होने के कारण वायु की गति में वृद्धि

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 42 Question Id : 4025576602 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The purpose of the thermostat is to keep the engine

- A. Hot
- B. Cool
- C. At desired temperature
- D. None of the above

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 42 Question Id : 4025576602 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

थर्मोसैट का उद्देश्य इंजन को.....रखना है

- A. गरम
- B. ठंडा
- C. अपेक्षित तापमान पर
- D. उपरोक्त में से कोई नहीं

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 43 Question Id : 4025576603 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Coolant pumps are of

- A. Vane type
- B. Reciprocating type
- C. Centrifugal type
- D. All of the above type

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 43 Question Id : 4025576603 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

शीतलक पंप प्रकार के हैं।

- A. फलक प्रकार
- B. प्रत्यागामी प्रकार
- C. अपकेंद्री प्रकार
- D. उपरोक्त के सभी प्रकार

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 44 Question Id : 4025576604 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Which type of oil lubrication system is used in two stroke engines

- A. Dry sump lubrication
- B. Wet sump lubrication
- C. Petrol oil lubrication
- D. Splash Lubrication

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 44 Question Id : 4025576604 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

द्वि आघात इंजन में किस प्रकार का तेल स्नेहन प्रयोग किया जाता है।

- A शुष्क कुंड (संप) स्नेहन
- B नम कुंड (संप) स्नेहन
- C पेट्रोल तेल स्नेहन
- D स्पलैश स्नेहन

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 45 Question Id : 4025576605 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Which one is Lubricant oil additive?

- A. Pour point depressant
- B. Oxidation inhibitor
- C. Extreme pressure resistance
- D. All of the above

Options :

✖ A

✖ B

✖ C

✓ D

Question Number : 45 Question Id : 4025576605 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इनमें से कौन सा स्नेहन तेल संयोजी है?

- A. अवनमक टपकाने वाला बिन्दु
- B. ऑक्सीकरण रोधी
- C. अत्यधिक दाब प्रतिरोध
- D. उपरोक्त सभी

Options :

✗ A

✗ B

✗ C

✓ D

Question Number : 46 Question Id : 4025576606 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Which one of oil grade is used in low atmospheric temperature?

- A. SAE 10W-20
- B. SAE 20W-30
- C. SAE 85W
- D. SAE 90W-140

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 46 Question Id : 4025576606 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

निम्न में से कौन सा तेल ग्रेड निम्न वायुमंडलीय तापमान में प्रयोग किया जाता है।

- A. SAE 10W-20
- B. SAE 20W-30
- C. SAE 85W
- D. SAE 90W-140

Options :

✓ A

✗ B

✖ C

✖ D

Question Number : 47 Question Id : 4025576607 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Synthetic oil is not made from

- A. Crude oil
- B. Vegetable oil
- C. PAG (Polyalkalene Glycol)
- D. Esters

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 47 Question Id : 4025576607 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

सिंथैटिक तैलसे नहीं बनाया जाता है

- A. क्रूड तैल
- B. वनस्पति तैल
- C. पीएजी (पॉलियेकैलीन ग्लायकॉल)
- D. एस्टर्स

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 48 Question Id : 4025576608 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Octane number of petrol is

- A. 91
- B. 51
- C. 48
- D. 103

Options :

✓ A

✗ B

✖ C

✖ D

Question Number : 48 Question Id : 4025576608 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

पेट्रोल की ऑक्टेन सं.

A. 91

B. 51

C. 48

D. 103

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 49 Question Id : 4025576609 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The main product of electrochemical process in the fuel cell is

- A. Hydrogen
- B. Oxygen
- C. Water
- D. CO²

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 49 Question Id : 4025576609 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक ईंधन सेल में मुख्य उत्पादन के वैद्युत रासायनिक प्रक्रिया है

- A. हाइड्रोजन
- B. ऑक्सीजन
- C. जल
- D. कार्बन-डाई-ऑक्साइड

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 50 Question Id : 4025576610 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Unit Injector has

- A. Pump and injector together
- B. Injector with inline FIP
- C. Distributor type FIP
- D. Separate High-pressure pump

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 50 Question Id : 4025576610 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इकाई अंतःक्षेपित्र हैं

- A. पंप एवं अंतःक्षेपित्र साथ में
- B. FIP इनलाइन के साथ अंतःक्षेपित्र
- C. वितरणकर्ता प्रकार की FIP
- D. पृथक उच्च-दाब पंप

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 51 Question Id : 4025576611 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Heater plug (or) Glow plug is used in which type of engine?

- A. Indirect Injection
- B. Direct Injection
- C. CRDI
- D. SI

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Options :

- A
- B
- C
- D

Question Number : 51 Question Id : 4025576611 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

हीटर प्लग (या) दीप्ति प्लग को किस प्रकार के इंजन में प्रयोग करते हैं?

- A. परोक्ष अंतःक्षेपण
- B. प्रत्यक्ष अंतःक्षेपण
- C. सीआरडीआई
- D. एसआई

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to

all candidates.

Options :

A

B

C

D

Question Number : 52 Question Id : 4025576612 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

MAP sensor is used to measure

- A. Throttle position
- B. Inlet air pressure
- C. Exhaust gas temperature
- D. Crank angle position

Options :

✘ A

✔ B

✘ C

✘ D

Question Number : 52 Question Id : 4025576612 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

MAP संवेदको का प्रयोग ----- मापने के लिए किया जाता है

- A. उपरोध अवस्थिति
- B. अंतर्गम वायु दाब
- C. रेचन गैस का तापमान
- D. क्रैंक कोण अवस्थिति

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 53 Question Id : 4025576613 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Which one of the following increases the density of intake air in engine?

- A. Exhaust Gas Recirculation (EGR)
- B. Two stage Air filter
- C. Turbo charger
- D. Diesel Particulate Filter

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 53 Question Id : 4025576613 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इंजन में अंतर्ग्रहित वायु की सघनता निम्नलिखित में से बढ़ाता है।

- A. निकासी गैस परिसंचरण (ईजीआर)
- B. दो चरण वाली वायु फिल्टर
- C. टर्बो आवेशक
- D. डीजल विविक्त फिल्टर

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 54 Question Id : 4025576614 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

What is the speed range of turbo charger?

- A. 800 to 2500 rpm
- B. 100 to 250 rpm
- C. 50000 to 150000 rpm
- D. None of the above

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 54 Question Id : 4025576614 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

टर्बो चार्जर की गति की रेंज क्या है

- A. 800 से 2500 आरपीएम
- B. 100 से 250 आरपीएम
- C. 50000 से 150000 आरपीएम
- D. उपरोक्त में से कोई नहीं

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 55 Question Id : 4025576615 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Air filter made of paper element filters in the range of

- A. 0.1 to 0.3 mm
- B. 100 to 300 micron
- C. 0.02 to 0.03 inch
- D. 10 to 30 micron

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 55 Question Id : 4025576615 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

पेपर एलिमेंट फिल्टर्स के बने वायु फिल्टररेंज में हैं

- A. 0.1 से 0.3 mm
- B. 100 से 300 माइक्रोन
- C. 0.02 से 0.03 इंच
- D. 10 से 30 माइक्रोन

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 56 Question Id : 4025576616 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Write the correct order of air flow sequence in engine

If 1. Exhaust manifold; 2. Air filter; 3. Inlet valve; 4. Turbo charger; 5. Intercooler

- A. 2,5,3,1,4
- B. 2,5,4,3,1
- C. 2,4,3,5,1
- D. 2,4,5,3,1

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 56 Question Id : 4025576616 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इंजन में वायु प्रवाह के सही क्रम को लिखें

1.निष्कासन मैनिफोल्ड; 2.वायु फिल्टर; 3.इन्लैट वाल्व; 4.टर्बो चार्जर; 5.इंटरकूलर

A. 2,5,3,1,4

B. 2,5,4,3,1

C. 2,4,3,5,1

D. 2,4,5,3,1

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 57 Question Id : 4025576617 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Unleaded petrol is introduced to protect

- A. Carburetor
- B. Air filter
- C. Turbo charger
- D. Catalytic converter

Options :

✘ A

✘ B

✘ C

✔ D

Question Number : 57 Question Id : 4025576617 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

सीसारहित पेट्रोल को की सुरक्षा के लिए प्रारंभ किया गया।

- A. कार्बुरेटर
- B. वायु फिल्टर
- C. टर्बो आवेशक
- D. कैटलिटिक परिवर्तक

Options :

✘ A

✘ B

✘ C

✔ D

Question Number : 58 Question Id : 4025576618 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Which one of the material is used in catalytic converter?

A. Platinum

B. Stainless steel

C. Copper

D. Tungsten

Options :

✔ A

✘ B

✘ C

✘ D

Question Number : 58 Question Id : 4025576618 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

उत्प्रेरकी प्रत्यावर्तित्र में निम्न में से कौन सी एक सामग्री प्रयोग की जाती है।

A प्लेटिनम

B जंगरोधी इस्पात

C तांबा

D टंगस्टन

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 59 Question Id : 4025576619 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Which one of the following is a catalyst?

A. Aluminium

B. Stainless steel

C. Palladium

D. Brass

Options :

✗ A

✗ B

✓ C

✗ D

Question Number : 59 Question Id : 4025576619 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

निम्नलिखित में से कौन एक उत्प्रेरक है।

A ऐल्युमीनियम

B जंगरोधी इस्पात

C पैल्लाडियम

D पीतल

Options :

✗ A

✗ B

✓ C

✗ D

Question Number : 60 Question Id : 4025576620 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

If all the three angles of given triangle are less than 90 deg, what is the name of triangle?

- A. Acute angles triangle
- B. Equilateral triangle
- C. Isosceles triangle
- D. Obtuse triangle

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 60 Question Id : 4025576620 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

किसी दिये गए त्रिकोण में यदि तीनों कोण 90° से कम हैं तो वह त्रिकोण --- कहलाता है।

- A. न्यूनकोणीय त्रिकोण
- B. समबाहु त्रिकोण
- C. समद्विबाहु त्रिकोण
- D. अधिककोणीय त्रिकोण

Options :

✓ A

✖ B

✖ C

✖ D

Question Number : 61 Question Id : 4025576621 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The symbol indicates



- A. Resistor
- B. Capacitor
- C. Relay
- D. Diode

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 61 Question Id : 4025576621 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

यह संकेत क्या दर्शाता है?



- A. प्रतिरोधक
- B. संधारित्र
- C. रिले
- D. डायोड

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 62 Question Id : 4025576622 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Co efficient of friction of rubber tyre on dry tarmac is

- A. 0.35
- B. 0.1
- C. 0.5
- D. 0.8

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 62 Question Id : 4025576622 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

शुष्क टरमाक पर रबर टायर के घर्षण गुणांक है

- A. 0.35
- B. 0.1
- C. 0.5
- D. 0.8

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 63 Question Id : 4025576623 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Which one is the non-metal?

A. Iron

B. Mercury

C. Graphite

D. Tungsten

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 63 Question Id : 4025576623 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

निम्न में से कौन धातु नहीं है।

- A. लौह
- B. पारा
- C. ग्रेफाइट
- D. टंगस्टन

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 64 Question Id : 4025576624 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The property of metal which will break rather than bend under shock (or) impact is called

- A. Toughness
- B. Brittleness
- C. Hardness
- D. Ductility

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 64 Question Id : 4025576624 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

धातु का वह गुण जिसके कारण झटका लगने या टकराने पर वह मुड़ने के बजाय टूट जाती है, कहलाता है

- A. संदृढता
- B. भंगुरता
- C. कठोरता
- D. तन्यता

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 65 Question Id : 4025576625 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

12V electric motor takes a current of 20 A; The power of motor is

- A. 1.67 kw
- B. 0.3 kw
- C. 240 w
- D. 32 w

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 65 Question Id : 4025576625 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

12 वोल्ट की एक इलैक्ट्रिक मोटर 20ए की बिजली लेती है; मोटर की शक्ति है

- A. 1.67 kw
- B. 0.3 kw
- C. 240 w
- D. 32 w

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 66 Question Id : 4025576626 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

A vehicle increases its speed from 30 kmph to 80 kmph in a time of 5 secs;

Calculate the acceleration in m/sec^2

A. 2.78

B. 27.8

C. 0.278

D. 278

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 66 Question Id : 4025576626 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

5 सेकेंड में एक वाहन अपनी गति 30किमी./घं. से 80किमी./घं. तक बढ़ा लेता है। m/sec^2 में त्वरण ज्ञात करें।

A 2.78

C 27.8

B 0.278

D 278

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 67 Question Id : 4025576627 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Calculate the compression ratio of an engine that has a swept volume of 450 cm^3 and clearance volume of 50 cm^3

A. 10 :1

B. 9:1

C. 8:1

D. 25:1

Options :

✓ A

✖ B

✖ C

✖ D

Question Number : 67 Question Id : 4025576627 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक इंजन का मारजित आयतन 450 cm^2 है तथा अवकाश आयतन 50 cm^2 है तो उसका संपीडन अनुपात ज्ञात करें।

A 10:1

B 9:1

C 8:1

D 25:1

Options :

✔ A

✖ B

✖ C

✖ D

Question Number : 68 Question Id : 4025576628 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Rolling diameter of a large tyre of a vehicle is 943.5 mm; How many meters will the vehicle move when the wheel & tyre rotate 10 times.

- A. 6.98 m
- B. 94.3 m
- C. 943.5 m
- D. 29.64 m

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 68 Question Id : 4025576628 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक वाहन के लंबे टायर का वेल्लन व्यास 943.5 mm है; जब पहिया तथा टायर 10 बार घूमते हैं तब उस वाहन की गति आगे कितने मीटर तक की होती है?

- A. 6.98 m
- B. 94.3 m
- C. 943.5 m
- D. 29.64 m

Options :

✘ A

✘ B

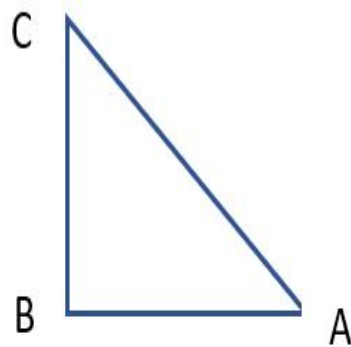
✘ C

✔ D

Question Number : 69 Question Id : 4025576629 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

In a triangle, what is the side AC if $AB = 15$ cm; $BC = 25$ cm;



A. 25.15

B. 49.15

C. 35.15

D. 29.15

Options :

✘ A

✘ B

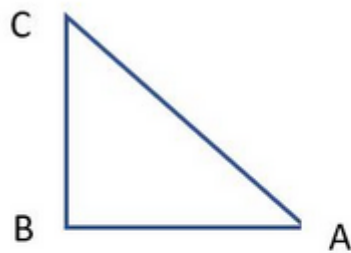
✖ C

✔ D

Question Number : 69 Question Id : 4025576629 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

यदि एक त्रिभुज में $AB=15$ सेमी., $BC=25$ सेमी. है तो, AC क्या है।



A. 25.15

B. 49.15

C. 35.15

D. 29.15

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 70 Question Id : 4025576630 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

When working with these tools, it is required to wear head and face protection in addition to eye protection

- A. Portable abrasive wheel tools
- B. Electric power hand tools
- C. Pneumatic spanners
- D. Liquid fuel tools

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 70 Question Id : 4025576630 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इन यंत्रों के साथ काम करते समय सिर एवं चेहरे एवं आंखों की सुरक्षा के अतिरिक्त आंखों की सुरक्षा के लिए पहनना आवश्यक है

- A. सुवाह्य अपघर्षी पहिया यंत्र
- B. विद्युत शक्ति हाथ का यंत्र
- C. न्यूमैटिक स्पैनर्स
- D. द्रव ईंधन यंत्र

Options :

✓ A

✗ B

✗ C

✗ D

Question Number : 71 Question Id : 4025576631 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The file used for heavy reduction of size in castings is

- A. Diamond Smooth File
- B. Rough File
- C. Bastard File
- D. Half round File

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 71 Question Id : 4025576631 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

संचकन (कास्टिंग) में आकार को बहुत कम करने के लिए प्रयुक्त फाइल

- A. डायमंड स्मूथ फाइल
- B. रफ फाइल
- C. बास्टार्ड फाइल
- D. हाफ राउंड फाइल

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 72 Question Id : 4025576632 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Most appropriate size of double end open wrench that is suitable to tighten & loosen M12 Hexagonal bolt is

A. 12 – 13

B. 14 - 15

C. 16 -17

D. 18 – 19

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 72 Question Id : 4025576632 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एम 12 षडभुजीय बोल्ट को कसने एवं ढीला करने के लिए उपयुक्त डबल एंड ओपन रेंच का सर्वाधिक उपयुक्त आकार है

A. 12-13

B. 14-15

C. 16-17

D. 18-19

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 73 Question Id : 4025576633 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

Percentage of fuel energy lost to the cylinder walls in an automobile engine is approximately

- A. 1 per cent
- B. 10 per cent
- C. 30 per cent
- D. 80 percent

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 73 Question Id : 4025576633 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

ऑटोमोबाइल इंजन में सिलेंडर की दीवारों द्वारा क्षय की गई ईंधन ऊर्जा का प्रतिशत

- A. 1 प्रतिशत
- B. 10 प्रतिशत
- C. 30 प्रतिशत
- D. 80 प्रतिशत

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 74 Question Id : 4025576634 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The fins at the top of a motor cycle engine cylinders are longer than those at the bottom because

- A. Hot air raises
- B. Top is the hottest part
- C. They are in an unexposed position
- D. Extra strength is required at the top

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 74 Question Id : 4025576634 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

मोटर साइकिल इंजन के सिलेंडरों पर लगे ऊपर के पंखे नीचे की अपेक्षा लंबे होते हैं क्योंकि

- A. गरम हवा बढ़ती है
- B. ऊपर का हिस्सा सबसे गरम होता है
- C. वे अप्रत्यक्ष स्थिति में हैं
- D. ऊपर की तरफ अतिरिक्त शक्ति की आवश्यकता है

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 75 Question Id : 4025576635 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The percentage of heat released from fuel-air mixture, in an internal combustion engine which is converted into useful work is roughly

- A. 10%
- B. 15-20%
- C. 20-25%
- D. 35-45%

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 75 Question Id : 4025576635 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

एक आंतरिक दहन इंजन में ईंधन-वायु मिश्रण से उत्पन्न ऊष्मा की प्रतिशत जिसे काम करने के लिए परिवर्तित किया जाता है वह अंदाजन है।

- A. 10%
- B. 15-20%
- C. 20-25%
- D. 35-45%

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 76 Question Id : 4025576636 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

If an engine shows lack of power on running, the probable cause could be

- A. Poor compression
- B. Faulty ignition
- C. Overheating
- D. Any of the above

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 76 Question Id : 4025576636 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

यदि एक इंजन कार्य करने की अवस्था में शक्ति की कमी दर्शाता है तो,
संभावित कारण है

- A खराब संपीड़न
- B गलत प्रज्वलन
- C अतिऊष्मन
- D उपरोक्त में से कोई भी

Options :

✖ A

✖ B

✖ C

✔ D

**Question Number : 77 Question Id : 4025576637 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 1 Wrong Marks : 0.33

The following catalyst is used in catalytic converter to reduce NO_x to N₂

- A. Platinum
- B. Gold
- C. Palladium
- D. Rhodium

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 77 Question Id : 4025576637 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

NO_x से N_2 कम करने के लिए उत्प्रेरक परिवर्तक में निम्न उत्प्रेरक का उपयोग किया जाता है।

- A. प्लाटिनम
- B. गोल्ड
- C. पल्लाडियम
- D. रोडियम

Options :

✖ A

✖ B

✖ C

✔ D

Question Number : 78 Question Id : 4025576638 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The gas that is more harmful to human health is

- A. Nitrogen
- B. Carbon di oxide
- C. Carbon monoxide
- D. Water vapor

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 78 Question Id : 4025576638 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

निम्न में से मानव स्वास्थ्य के लिए सबसे अधिक हानिकारक गैस कौन सी है।

- A नाइट्रोजन
- B कार्बनडाइऑक्साइड
- C कार्बनमोनोक्साइड
- D जल वाष्प

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 79 Question Id : 4025576639 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The device for smoothing out the power impulses from the engine is called

- A. Clutch
- B. Differential
- C. Fly wheel
- D. Torque converter

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 79 Question Id : 4025576639 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

इंजन से पावर इम्पल्स को समकारी करने के लिए प्रयुक्त उपकरण कहलाता है

- A. क्लच
- B. डिफ्रैन्शियल
- C. फ्लार्ड व्हील
- D. टॉर्क कन्वर्टर

Options :

✖ A

✖ B

✔ C

✖ D

Question Number : 80 Question Id : 4025576640 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

The firing order in case of four cylinder in-line engines is usually

- A. 1-2-4-3
- B. 1-3-4-2
- C. 1-4-3-2
- D. Either (a) or (b)

Options :

✖ A

✔ B

✖ C

✖ D

Question Number : 80 Question Id : 4025576640 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.33

चार सिलेंडर इन-लाइन इंजन के मामले में आमतौर पर दागने का क्रम है

- A. 1-2-4-3
- B. 1-3-4-2
- C. 1-4-3-2
- D. (a)अथवा (b)

Options :

✖ A

✔ B

✖ C

✖ D