



कौशल्य विकास व उद्योजकता विभाग
व्यवसाय शिक्षण व प्रशिक्षण संचालनालय, मुंबई
औद्योगिक प्रशिक्षण संस्था

Online Mock Tests

कार्यशाळा गणित व शास्त्र

(Workshop Calculation & Science)

वार्षिक पद्धतीवर आधारित (Based On Annual Pattern)

प्रथम वर्ष प्रशिक्षणार्थ्याकरीता (For I Year Trainees)

प्रथम वर्ष अभियांत्रिकी व्यवसायासाठी DGET च्या NSQF अभ्यासक्रमानुसार प्रत्येक Topic नुसार Online MCQ Test व 25 पूर्ण अभ्यासक्रमानुसार आधारीत प्रत्येकी 25 प्रश्नांच्या Online Mock Test देण्यात आलेल्या असून जवळपास 1000 पेक्षा जास्त प्रश्न सरावासाठी उपलब्ध आहेत.

दिलेल्या चित्रावर Click केल्यानंतर आपोआप Online Test Link Open होईल.

जयराम ससाणे,
गणित निदेशक.
ITI, नाशिक

प्रशांत बडगुजर,
राज्य समन्वयक,
गटनिदेशक, ITI, नाशिक

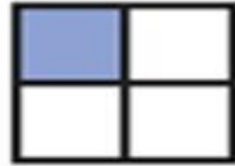
Sr.No.

I Year All Engineering Trades
Syllabus Topic

Click To lamge For Test

1 Unit, Fractions
एकके मापन व रूपांतरे
व
संख्या परिचय व
अपूर्णांक

Unit Fraction



$$\frac{1}{4}$$



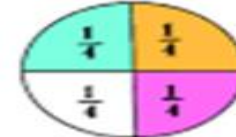
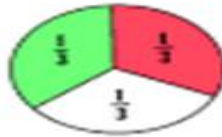
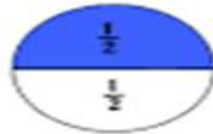
$$\frac{1}{8}$$



$$\frac{1}{3}$$

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UNIT FRACTION



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2

**Square Root:
Ratio and
Proportions,
Percentage**
वर्ग आणि वर्गमुळ व
गुणोत्तर व प्रमाण व
शेकडेवारी

MATH MEETING

Can you simplify?

$$\sqrt{7 - 2\sqrt{6}}$$

**RATIOS
AND
PROPORTION**



3

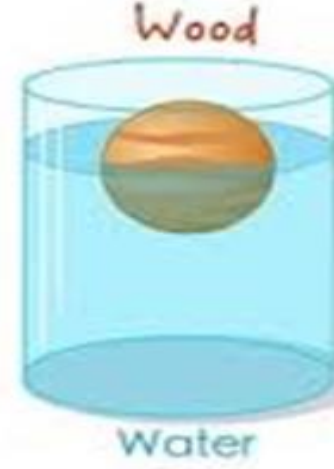
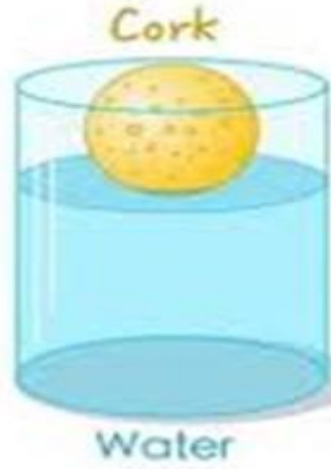
Material Scienceधातुशास्त्र



Mass, Weight,
Volume, and
Density

4

वस्तुमान, वजन, घनता व
विशिष्ट गुरुत्व

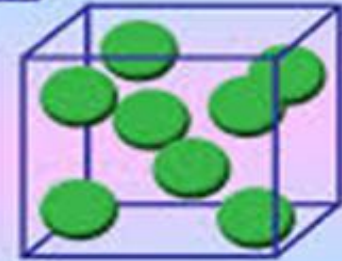
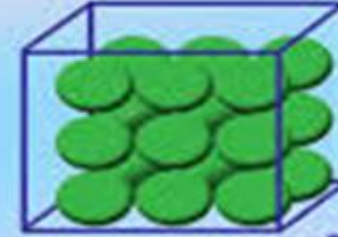


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WHAT IS
DENSITY....?

MASS.....?

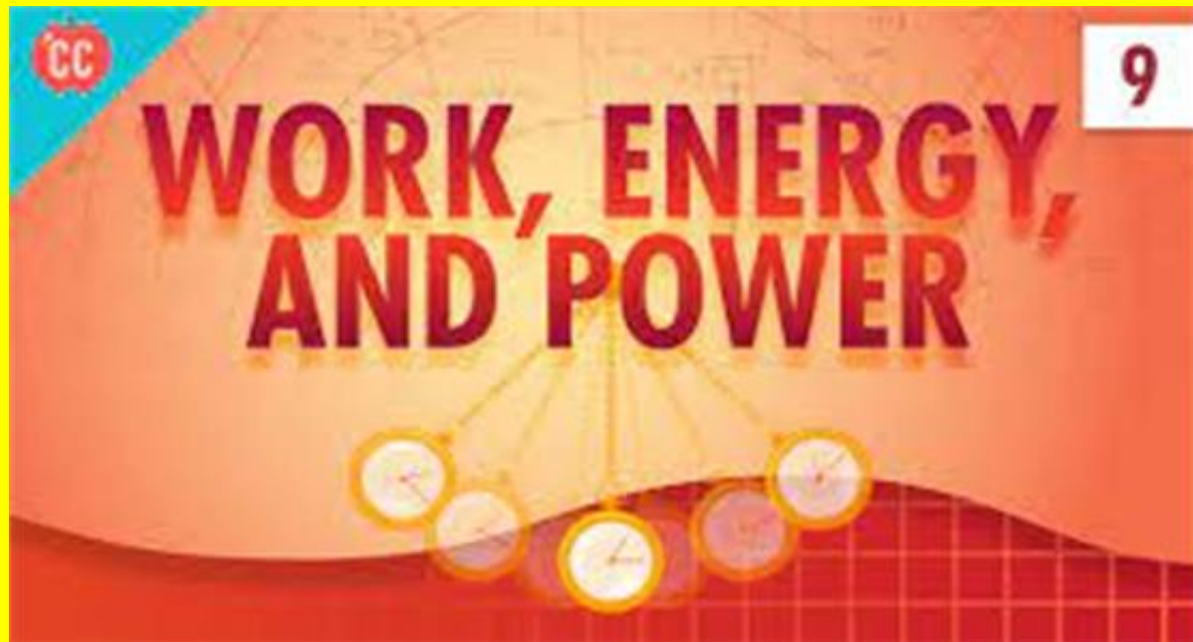
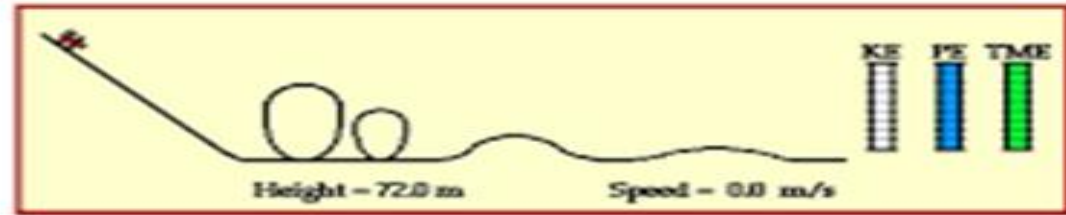
WEIGHT.....?



5

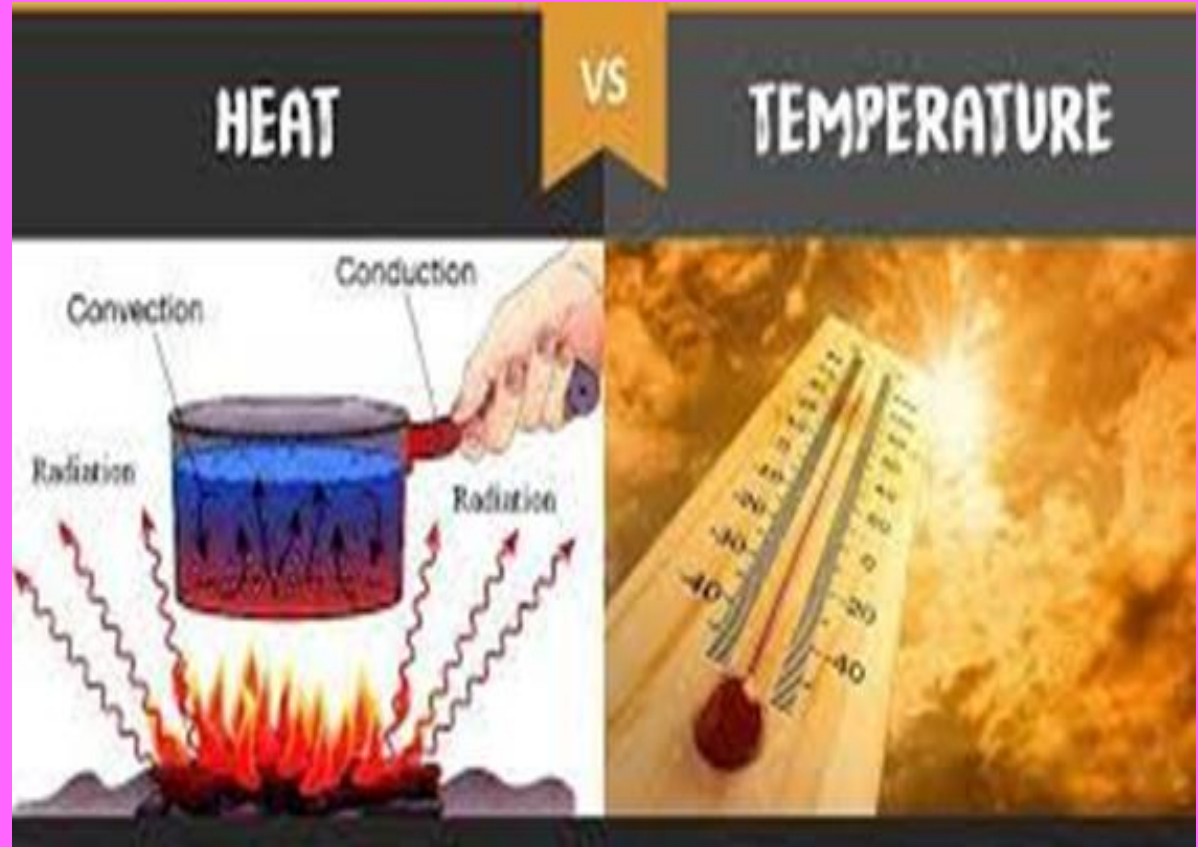
Speed and
Velocity, Work
Power and
Energy गती व वेग
आणी कार्य, शक्ती व
उर्जा

WORK, POWER, MACHINES & ENERGY



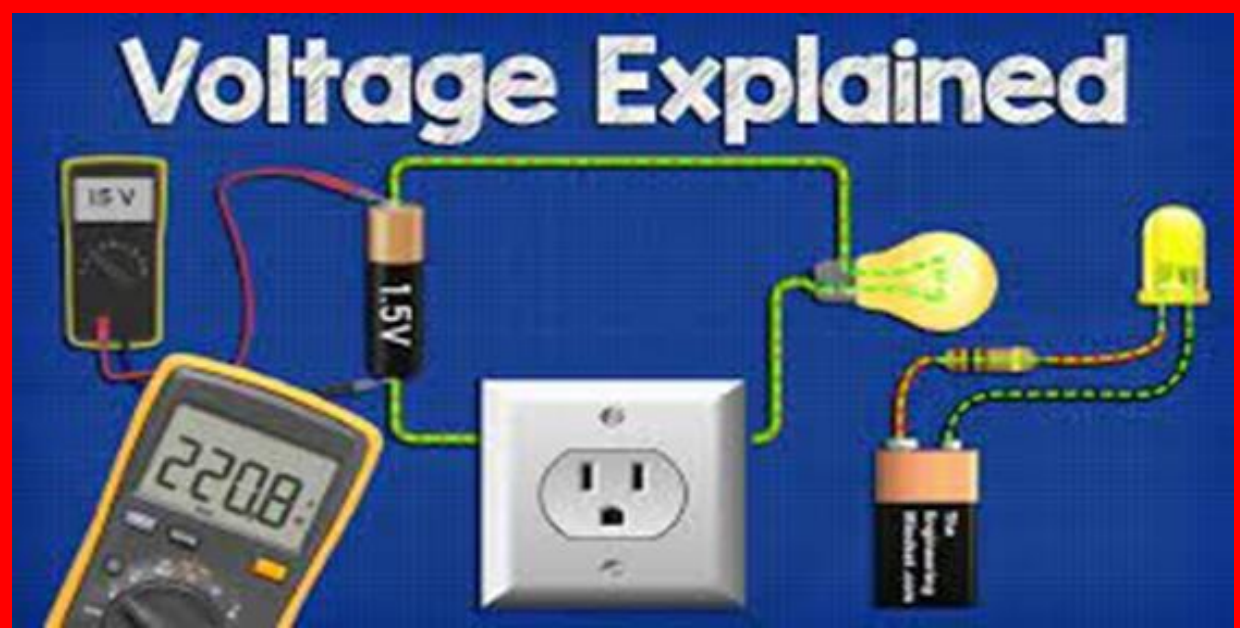
6

**Heat
& Temperature
and Pressure**
उष्णता व तापमान व
दाब



7

Basic
Electricity
मूलभूत
विद्युत



8

Mensuration (Area and Volume)
महत्वमापन (क्षेत्रफल व आकारमान)

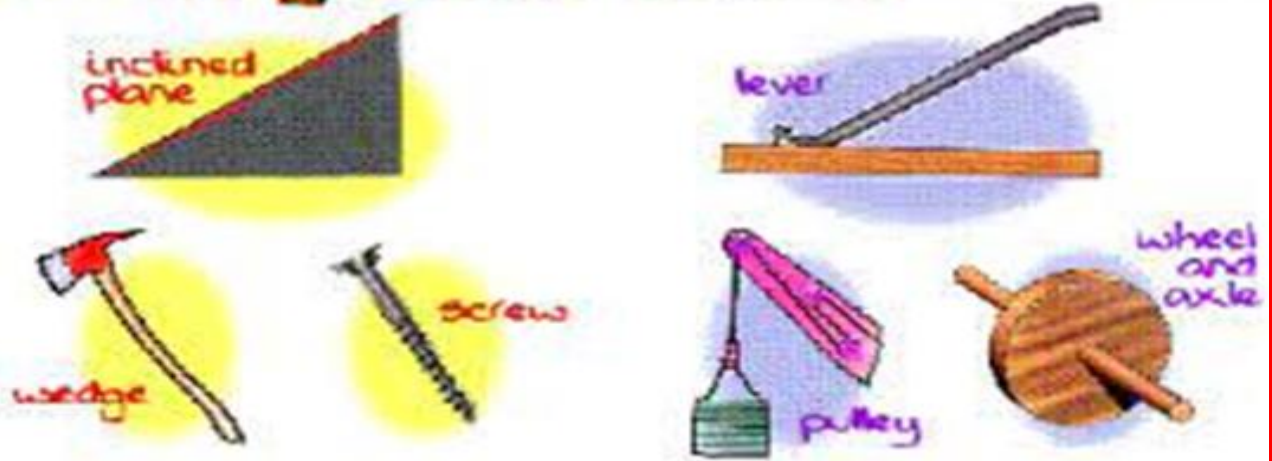


9

Levers and Simple Machines

तरफ व साधी यंत्रे

Simple Machines



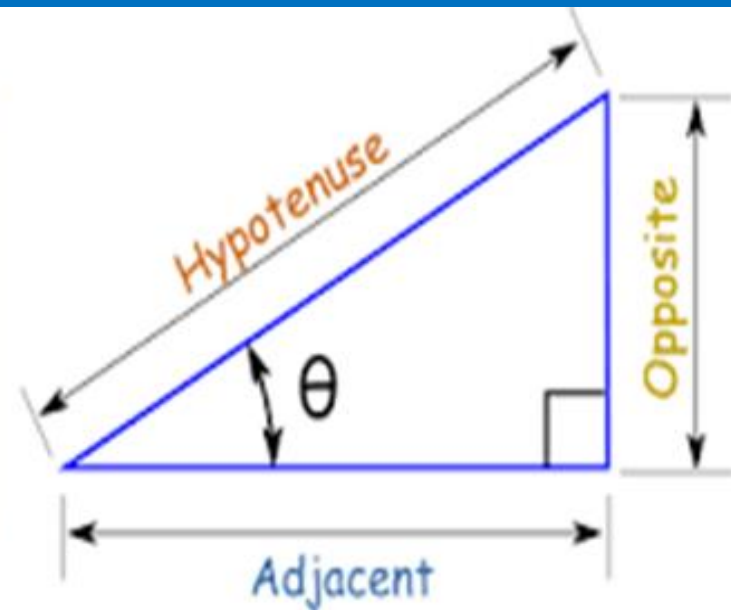
Trigonometry

त्रिकोणमिती

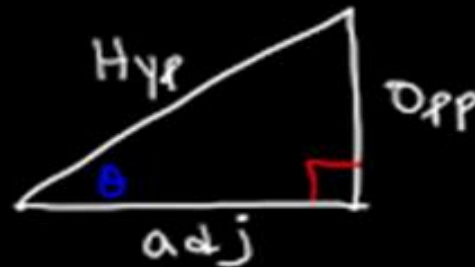
$$\sin \theta = \frac{\text{Opposite}}{\text{Hypotenuse}}$$

$$\cos \theta = \frac{\text{Adjacent}}{\text{Hypotenuse}}$$

$$\tan \theta = \frac{\text{Opposite}}{\text{Adjacent}}$$



Basic Trigonometry



$$\sin \theta = \frac{\text{Opp}}{\text{Hyp}}$$

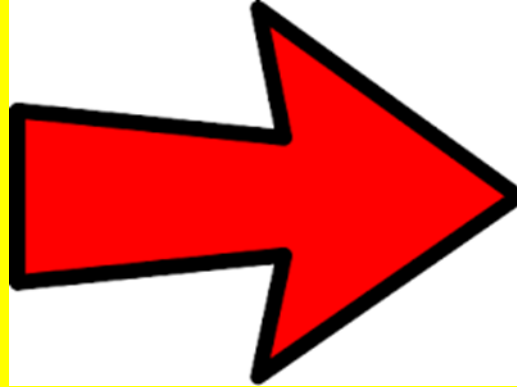
$$\cos \theta = \frac{\text{adj}}{\text{Hyp}}$$

SOH CAH TOA

$$\tan \theta = \text{Opp} / \text{adj}$$

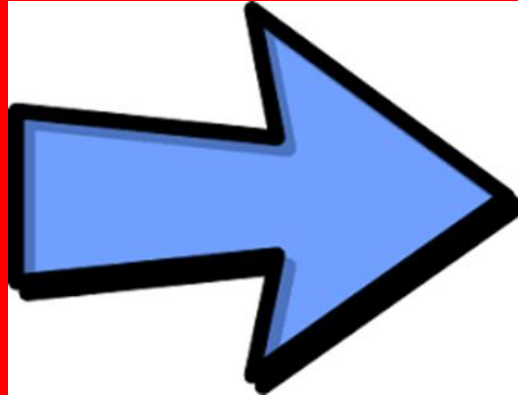
1

**1 St Full length
online test
25Qns,50 Marks**



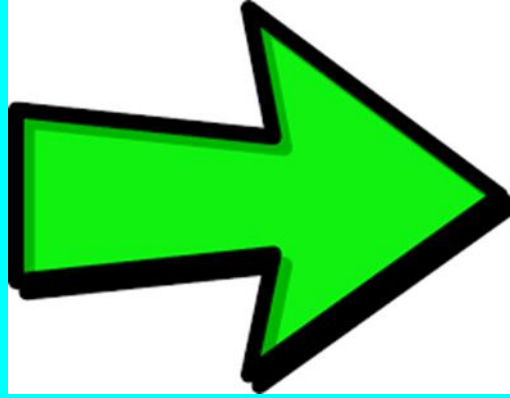
2

**2 nd Full length
online test
25Qns,50 Marks**



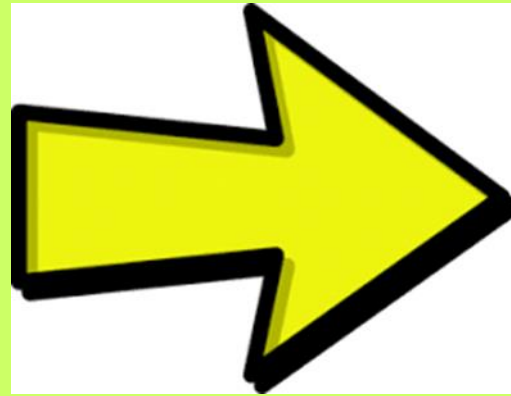
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**3 rd Full length
online test
25Qns,50 Marks**



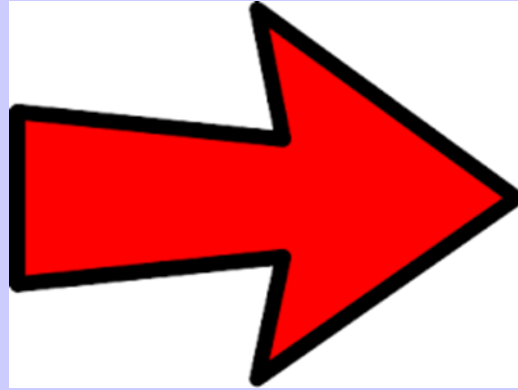
4

**4th Full length
online test
25Qns,50 Marks**



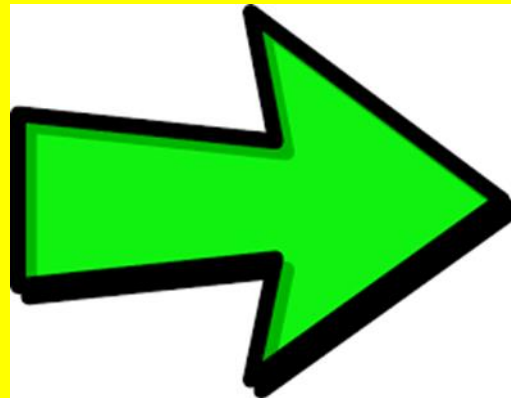
5

**5 th Full length
online test
25Qns,50 Marks**



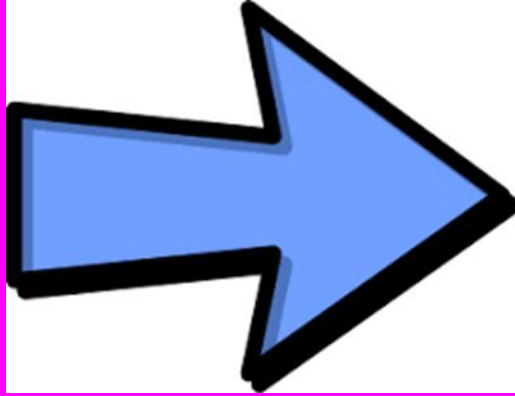
6

**6 th Full length
online test
25Qns,50 Marks**



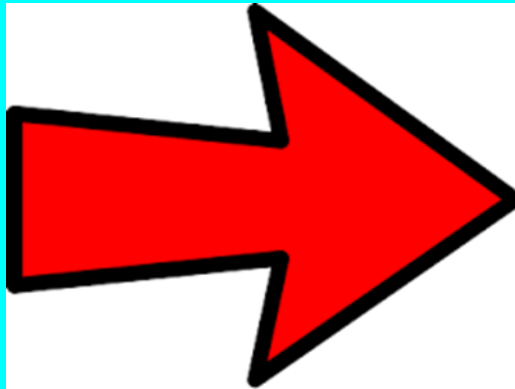
7

**7 th Full length
online test
25Qns,50 Marks**



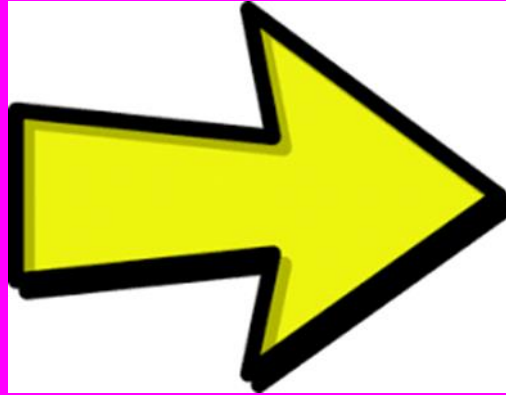
8

**8 th Full length
online test
25Qns,50 Marks**



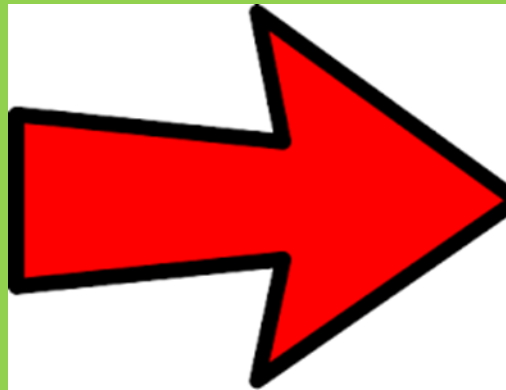
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**9th Full length
online test
25Qns,50 Marks**



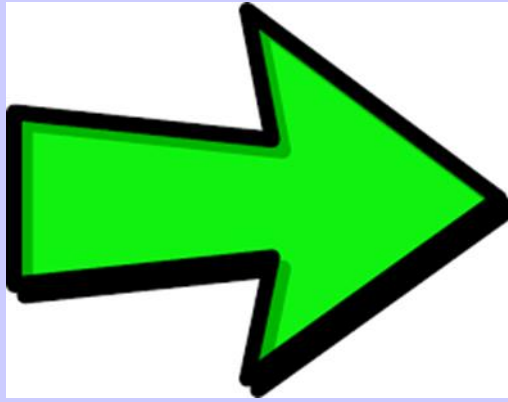
10

**10 th Full length
online test
25Qns,50 Marks**



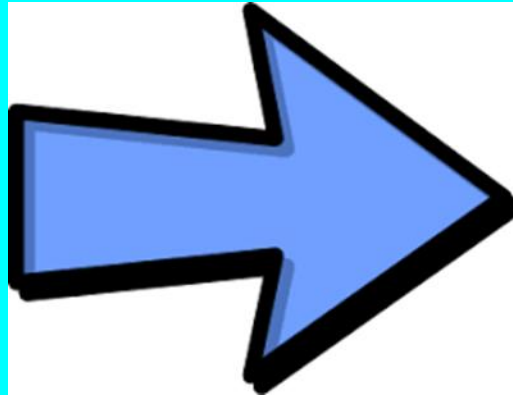
11

**11 th Full length
online test
25Qns,50 Marks**



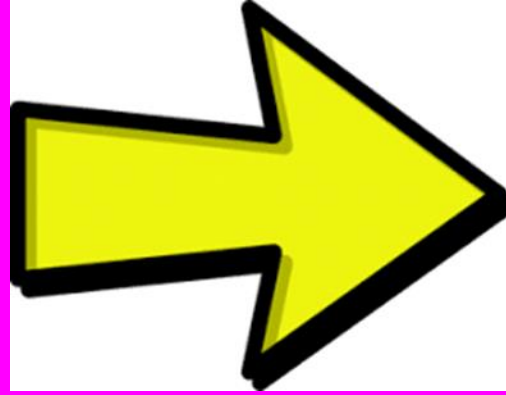
12

**12 th Full length
online test
25Qns,50 Marks**



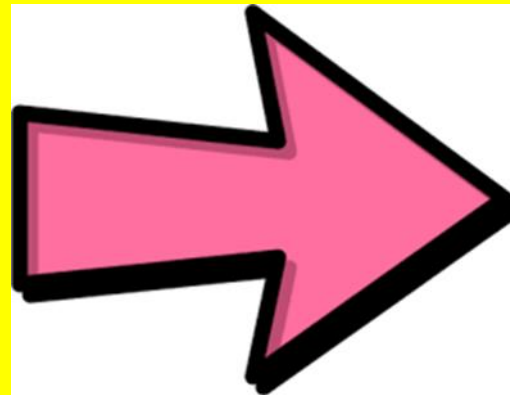
13

**13th th Full length
online test
25Qns,50 Marks**



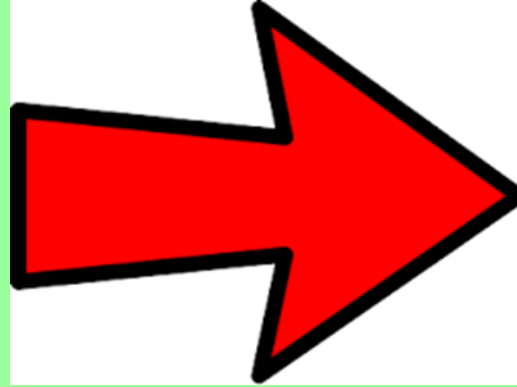
14

**14 th Full length
online test
25Qns,50 Marks**



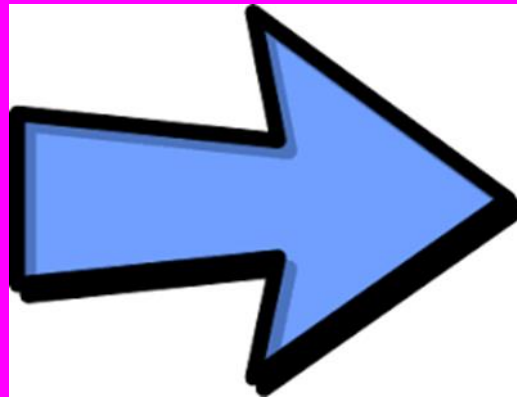
15

**15 th Full length
online test
25Qns,50 Marks**



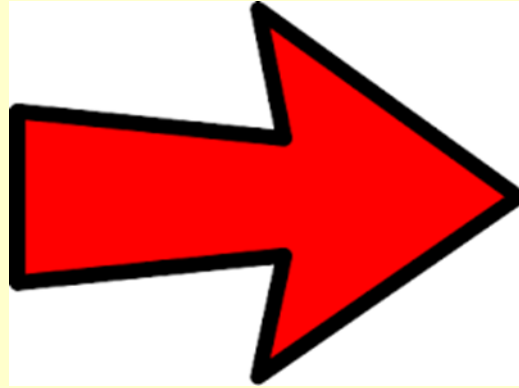
16

**16 th Full length
online test
25Qns,50 Marks**



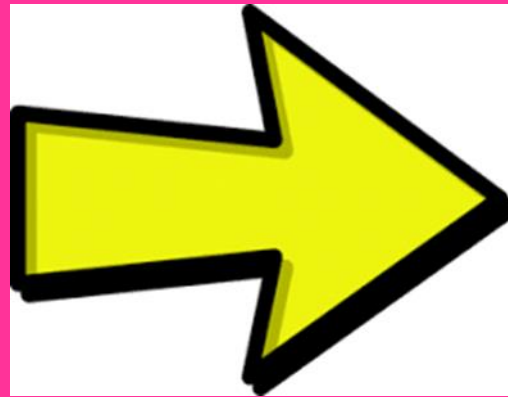
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**17 th Full length
online test
25Qns,50 Marks**



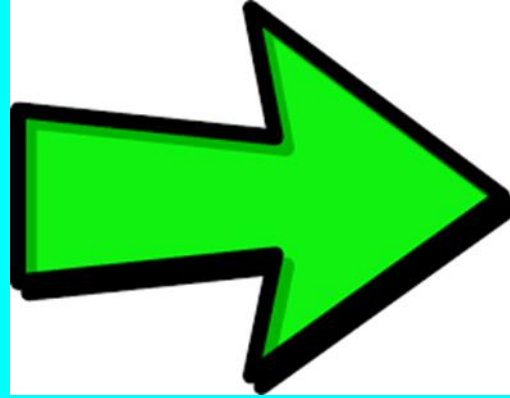
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**18 th Full length
online test
25Qns,50 Marks**



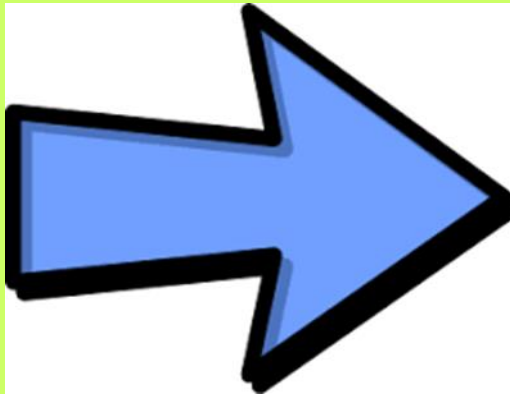
19

**19 th Full length
online test
25Qns,50 Marks**



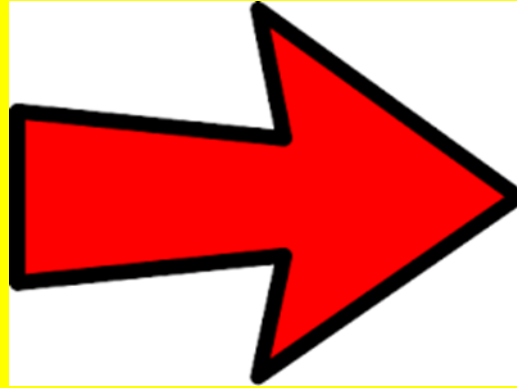
20

**20 th Full length
online test
25Qns,50 Marks**



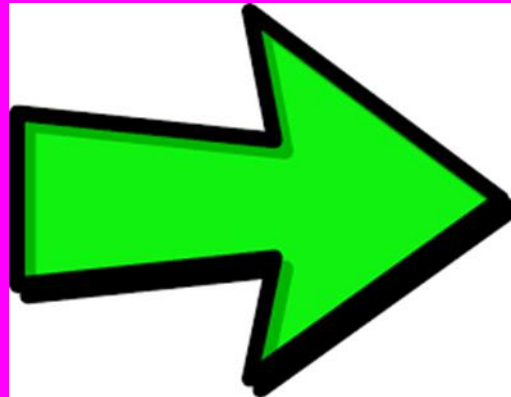
21

**21 th Full length
online test
25Qns,50 Marks**



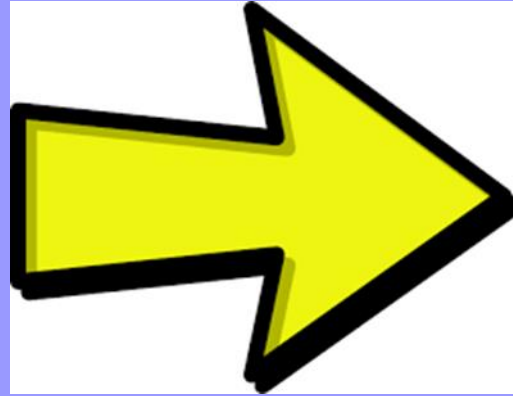
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**22 th Full length
online test
25Qns,50 Marks**



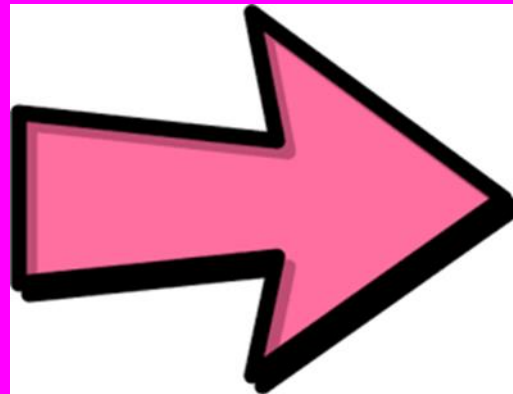
23

**23 th Full length
online test
25Qns,50 Marks**



24

**24 th Full length
online test
25Qns,50 Marks**



25

**25 th Full length
online test
25Qns,50 Marks**

