

PHYSICS

2014

Time: 30 minutes

Max. Marks: 17

SECTION "A" (COMPULSORY)(M.C.Q.)

1. Choose the correct answer for each from the given options: (17)

- (1) Which one of the following has maximum value of refractive index?
(a) Ruby (b) Crown glass (c) Quartz (d) Diamond
- (2) Production of beats is due to the ----- of sound waves:
(a) Interference (b) Reflection (c) Diffraction (d) Refraction
- (3) The branch of physics concerned with highly ionized atoms is called ----- Physics:
(a) Atomic (b) Nuclear (c) Plasma (d) Nuclear State
- (4) The Unit of co-efficient of friction (μ) is:
(a) Newton (b) Joule (c) Newton metre (d) None of these
- (5) The waves produced by a vibrating body in air are:
(a) Longitudinal waves (b) Transverse waves
(c) Electronegative waves (d) Magnetic waves
- (6) It always gives virtual image:
(a) Concave lens (b) Convex Mirror
(c) Plane Mirror (d) All of them
- (7) The viscosity of Ethanol is:
(a) 0.019 (b) 0.1 (c) 1.000 (d) 0.801
- (8) If frequency of a pendulum is 10 Hz, then time period will be:
(a) 1 sec. (b) 10 sec. (c) 0.1 sec. (d) 0.01 sec.
- (9) Water has maximum density at:
(a) 0°C (b) -4°C (c) 4°C (d) 100°C
- (10) 1 Mega metre = ----- metres.
(a) 10^{12} (b) 10^9 (c) 10^6 (d) 10^{15}
- (11) If $P = 15$ cm, $q = 30$ cm, the magnification is -----:
(a) 2 (b) $\frac{1}{2}$ (c) 45 (d) 15

Matric 2014 Physics Paperexam

Sudhakar M. Rao



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DP's MTS Reasoning Ability [Previous Year Questions] Mocktime Publication, DP s MTS Reasoning Ability Previous Year Questions Keywords SSC Central police forces CPO CAPF SSC combined graduate level CGL Combined higher secondary level exam chsl 10 2 level exam ssc ldc udc data entry operator exam ssc mts matriculation level exam ssc je civil mechanical electrical engineering exam ssc scientific assistant exam Ssc English ajay Kumar singh Ssc English by neetu singh Ssc English grammar Ssc English arihant publication ssc previous year solved papers ssc general awareness ssc gk lucent ssc math rakesh Yadav ssc previous year question bank ssc reasoning chapterwise solved papers ssc disha books ssc cgl questions ssc cpo questions ssc mts questions ssc chsl questions ssc ldc clerk ssc practice sets ssc online test Ssc math chapterwise solved papers Ssc english kiran publication SSC cgl cpo mts chsl je exam books ssc online practice sets for computer based exam ssc kiran books disha arihant lucen gk ssc neetu singh rakesh yadav ajay singh books ssc history geography polity economy science mcq ssc math reasoning english gk chapterwise papers REASONING MULTI TASKING STAFF MULTIPLE CHOICE QUESTIONS Mocktime Publication, REASONING MULTI TASKING STAFF MULTIPLE CHOICE QUESTIONS keywords ssc central police forces cpo capf ssc combined graduate level cgl combined higher secondary level exam chsl 10 2 level exam ssc ldc udc data entry operator exam ssc mts matriculation level exam ssc je civil mechanical electrical engineering exam ssc scientific assistant exam ssc english ajay kumar singh ssc english by neetu singh ssc english grammar ssc english arihant publication ssc previous year solved papers ssc general awareness ssc gk lucent ssc math rakesh yadav ssc previous year question bank ssc reasoning chapterwise solved papers ssc disha books ssc cgl questions ssc cpo questions ssc mts questions ssc chsl questions ssc ldc clerk ssc practice sets ssc online test ssc math chapterwise solved papers ssc english kiran publication ssc cgl cpo mts chsl je exam books ssc online practice sets for computer based exam ssc kiran books disha arihant lucen gk ssc neetu singh rakesh yadav ajay singh books ssc history geography polity economy science mcq ssc math reasoning english gkchapterwise papers last year previous year solved papers online practice test papers mock test papers computer based practice sets online test series exam guide manual books gk general knowledge awareness mathematics quantitative aptitude reasoning english previous year questions mcqs *ICEL2015-10th International Conference on e-Learning* Dr Carlton Watson,2015-06-12 These proceedings represent the work of researchers participating in the 10th International Conference on e Learning ICEL 2015 which is being hosted this year by the College of the Bahamas Nassau on the 25 26 June 2015 ICEL is a recognised event on the International research conferences calendar and provides a valuable platform for individuals to present their research findings display their work in progress and discuss conceptual advances in the area of e Learning It provides an important opportunity for researchers and managers to come together with peers to share their experiences of using the varied and expanding range of e Learning available to them With an initial submission of 91 abstracts after the double blind peer review process there are 41 academic Research papers and 2

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Stabilization of Earthen Building Materials by Select Native Binders Sudhakar M. Rao, 2023-12-23 Increased environmental and energy concerns have renewed global interest in raw earth as a building material Low energy requirements low cost high availability at construction sites and favorable engineering properties make EBMs an attractive alternative to conventional cement based construction materials Though the use of native binders to improve soil properties has garnered attention in recent literature the available knowledge has not been covered in a single document This book highlights the key soil properties that determine the mechanical performance of earthen building materials importance of unsaturated soil mechanics in the engineering behavior of earthen building materials the different types of stabilizers used to improve the engineering performance of earthen building materials including the use of select native binders the characteristics of compressed earth

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