

NARAYANI INSTITUTE OF ENGG & TECHNOLOGY
ENGG PHYSICS PRACTICAL QUESTION
2ND SEMESTER-2020

BRANCH-ELECTRICAL, MINING & ETC ENGG

Q1. Write the procedure to determine the cross-sectional area of wire on second decimal places by using a screw gauge.

ELECTRICAL ENGG REGD. NO FROM : F19059002002 TO F19059002022
MINING ENGG REGD. NO FROM : F19059010001 TO F19059010015
E & TC ENGG REGD. NO FROM : F19059003001 TO F19059003003

Q2. Write the procedure to find the volume of a solid cylinder using a Vernier calipers.

ELECTRICAL ENGG REGD. NO FROM : F19059002023 TO F19059002045
MINING ENGG REGD. NO FROM : F19059010016 TO F19059010027
E & TC ENGG REGD. NO FROM : F19059003004 TO F19059003006

Q3. Write the procedure to find out the volume of a hollow cylinder by using a slide callipers, calculation upto 3rd decimal places.

ELECTRICAL ENGG REGD. NO FROM : F19059002046 TO F19059002070
MINING ENGG REGD. NO FROM : F19059010028 TO F19059010040
E & TC ENGG REGD. NO FROM : F19059003007 TO F19059003009

Q4. Write the procedure to determine the radius of curvature of concave surface by using a spherometer.

ELECTRICAL ENGG REGD. NO FROM : F19059002071 TO F19059002091
MINING ENGG REGD. NO FROM : F19059010041 TO F19059010062
E & TC ENGG REGD. NO FROM : F19059003010 TO F19059003012

Q5. What is Ohm's law. Write the procedure to verify it by ammeter & voltmeter method.

ELECTRICAL ENGG REGD. NO FROM : F19059010054 TO F19059002115
MINING ENGG REGD. NO FROM : F19059010063 TO F19059010072
E & TC ENGG REGD. NO FROM : F19059003013 TO F19059003016

Q6. Write the procedure to determine the angle of minimum deviation by I ~ D curve method.

ELECTRICAL ENGG REGD. NO FROM : F19059002092 TO F19059002135
MINING ENGG REGD. NO FROM : F19059010073 TO F19059010082
E & TC ENGG REGD. NO FROM : F19059003017 TO F19059003020

Q7. Write the procedure to trace lines of force due to a bar magnet with north pole pointing north and locate the neutral point.

ELECTRICAL ENGG REGD. NO FROM : F19059002036 TO F19059002155
MINING ENGG REGD. NO FROM : F19059010083 TO F19059010093
E & TC ENGG REGD. NO FROM : F19059003021 TO F19059003025

Q8. What radius of curvature on convex surface? Write the procedure to determine it by using spherometer.

ELECTRICAL ENGG REGD. NO FROM : F19059002156 TO F19059002169
MINING ENGG REGD. NO FROM : F19059010094 TO F19059010097
E & TC ENGG REGD. NO FROM : F19059003026 TO F19059003030