NDA KA SAPNA, AB HOGA APNA

SPHERICAL MIRROR

DPP No. 5

1. THE RADIUS OF CURVATURE OF A SPHERICAL MIRROR IS 20 CM. FIND ITS FOCAL LENGTH

A. 10m
B. 20m
C. 0.1m
D. 0.2m

2. THE VALUE OF MAGNIFICATION FOR CONVEX MIRROR IS

A. M>1
B. M<1
C. M=1
D. ANY OF THESE

3. NAME A MIRROR THAT CAN GIVE AN ERECT AND ENLARGED IMAGE OF AN OBJECT

A. PLANE
B. CONCAVE
C. CONVEX
D. ALL OF THESE

4. FOCAL LENGTH OF A CONVEX MIRROR WHOSE RADIUS OF CURVATURE IS 32 cm

A. +32 cm
B. -32cm
C. +16cm
D. -16cm

5. WHERE SHOULD BE AN OBJECT PLACED TO GET VERTUAL AND ERECT IMAGE FOR A CONCAVE MIRROR

A. AT FOCUS
B. AT C
C. B/W F AND C
D. BETWEEN POLE AND FOCUS

6. NO MATTER HOW FAR YOU STAND FROM A MIRROR, YOUR IMAGE APPEARS ERECT. THE MMIRROR IS LIKELY TO BE

A. PLANE
B. CONCAVE
C. CONVEX
D. EITHER PLANE OR CONVEX

7. IN HEADLIGHT OF CAR , WHICH MIRROR IS USED

A. PLANE MIRROR
B. CONCAVE MIRROR
C. CONVEX MIRROR
D. ALL OF THESE

8. IN SIDE/REAR VIEW MIRROR OF A VEHICLE , WHICH MIRROR IS USED

A. PLANE MIRROR
B. CONCAVE MIRROR
C. CONVEX MIRROR
D. ALL OF THESE

9. IN SOLAR FURNCE, WHICH MIRROR IS USED

A. PLANE MIRROR
B. CONCAVE MIRROR
C. CONVEX MIRROR
D. ALL OF THESE

10 . A CONVEX MIRROR USED FOR REAR VIEW ON AN AUTOMOBILE HAS A RADIUS OF CURVATURE OF 3m, IF A BUS IS LOCATED AT 5cm FROM THIS MIRROR, THE IMAGE WILL

A. VIRTUAL, INVERTED & SMALL
B. REAL, ERECT AND LARGE
C. REAL, INVERTED AND SMALL
D. VERTUAL, ERECT & SMALL

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