

National Board of Examinations

Question Paper Name : DNB Community Medicine Paper1
Subject Name : DNB Community Medicine Paper1
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718743997 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Draw the schematic diagrams of the design of case-control and cohort studies. Explain the concept of matching with examples. How will you measure the strength of the association between the risk factor and the outcome in a case-control study? [4+3+3]

Question Number : 2 Question Id : 32718743998 Consider As Subjective : Yes

- Define a step-wedge trial. [2]
- Draw and explain the schematics of a step-wedge trial for an intervention to improve cervical cancer screening in rural areas of a district of Telangana. [5]
- What precautions are required for data analysis in this type of trial? [3]

Question Number : 3 Question Id : 32718743999 Consider As Subjective : Yes

- a) What are the principles of medical ethics? [4]
- b) What ethical issues may arise while conducting research and what measures can be taken to manage these issues? [6]

Question Number : 4 Question Id : 32718744000 Consider As Subjective : Yes

How will you investigate an outbreak of measles among school going children in district Fatehabad? [10]

Question Number : 5 Question Id : 32718744001 Consider As Subjective : Yes

- a) List the methods of evaluation of a health promotion program. [5]
- b) How will you evaluate the health promotion strategies used in the NP-NCD? [5]

Question Number : 6 Question Id : 32718744002 Consider As Subjective : Yes

- a) List the determinants of health. [5]
- b) Which of the social determinants have been incorporated into the National Health Policy 2017? [5]

Question Number : 7 Question Id : 32718744003 Consider As Subjective : Yes

- a) What is the composition of NITI Aayog? [3]
- b) Discuss the 'composite health index' developed by the NITI Aayog. [7]

Question Number : 8 Question Id : 32718744004 Consider As Subjective : Yes

- a) Define spectrum of Health. [2]
- b) Discuss various levels of prevention and modes of intervention in context to cervical cancer. [8]

Question Number : 9 Question Id : 32718744005 Consider As Subjective : Yes

- a) What are the criteria considered by the policy makers for initiation of a screening programme? [5]
- b) How will you assess validity of a screening test? [5]

Question Number : 10 Question Id : 32718744006 Consider As Subjective : Yes

- a) Compare the methodology and health indicators captured by NFHS and NSSO health-related surveys. [8]
- b) Which agencies conduct these surveys? [2]