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**MD Community Medicine
EXAMINATION, MAY 2018**

Paper First

History of public health, Primary health care, Concept of health and disease, environment, General epidemiology, Research methodology, Biostatistics, Behavioural sciences, Health education and communication, Epidemic and disaster management.

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. Write in brief:

[10×7=70]

- a. Universal Health coverage : Everyone, Everywhere.
- b. Role of ANM as facilitator for ASHA
- c. Use of family study in the teaching of community Medicine
- d. Multivariate analysis
- e. John Snow & Public health
- f. Methods of prevention & control of pneumoconiosis
- g. Social & cultural factors in health & disease

2. Comment on the following-

[15×2=30]

- a. The concept of holistic health care has become a necessity in view of phenomenal rise of NCDs. (Non communicable diseases)
- b. Though RCT's (Randomised control trials) are considered the best study design. They have limitations also.

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**MD Community Medicine
EXAMINATION, MAY 2018**

Paper Second

Diet and nutrition, Occupational health, Epidemiology of communicable and non –communicable diseases and related national health programmes.

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions.

1. What is the role of diet in pathogenesis of various non communicable diseases ? Describe DASH diet in control of hypertension. [20]
2. What do you understand by eradication of Poliomyelitis? Why are we still carrying out vaccination against polio? What is the endgame strategy ? [20]
3. Write in detail- [10x6]
 - a. Hygiene hypothesis
 - b. DOTS+
 - c. Pandemic, epidemic & endemic
 - d. Yaws eradication
 - e. Integrated vector control
 - f. NNT elimination

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**MD Community Medicine
EXAMINATION, MAY 2018**

Paper Third

Maternal and child health, RCH Demography and family planning, Adolescent health, School health, Geriatric, Mental Health, International health and NGO.
Time: Three Hours *[Maximum Marks: 100]*

Note: Attempt all questions.

1. Define maternal mortality & discuss briefly its causes in rural India.
Enumerate the strategies currently being adopted under RMNCH+A across life stages for reducing maternal mortality & describe their salient features .
[3+5+4+8=20]
2. What do you understand by the term family planning? Discuss in brief the health aspects of family planning. Enumerate the contraceptive methods currently available to beneficiaries under the RCH programme stating their indications , advantages & disadvantages. [3+5+4+8=20]
3. Write short notes on: [10x3]
 - a. District Health Action Plan for RMNCH+A
 - b. Vaccine Wastage Factor
 - c. Health issues of adolescent girls
4. Discuss briefly: [10x3]
 - a. India Newborn Action Plan
 - b. Village Health Nutrition & Sanitation Day
 - c. Role of UNICEF in child health

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**MD Community Medicine
EXAMINATION, MAY 2018**

Paper Fourth

Health and hospital administration, Committees and national health polices,
Public Health Laws, Management of health, Health economics, Recent advances.

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Briefly comment on – The effort of Govt. of India to change all sub centers to wellness centers can be a game changer for Indian health scenario. [20]
2. Comment : Some states of India are doing very well in health while others like UP/ Bihar/MP are far behind in reducing IMR / MMR etc. [20]
3. Briefly discuss the following- [10×6=60]
 - a. Srilanka has won the war with malaria
 - b. The recent winter smog in NCR is grim reminder of London smog tragedy
 - c. The water crisis of CAPE TOWN (S.Africa) is a warning for all countries including India.
 - d. Operations research in Public Health is very important but usually neglected.
 - e. Abraham Maslow's Need Hierarchy can be of great use in managing health team
 - f. Quaternary prevention is a need of the hour for India