

Paper 3 has been removed from NET from 2018 ([Notification](#))- now paper 2 and 3 syllabus is included in paper 2. Practice both paper 2 and 3 from past papers.

CBSE NET Social-Medicine December-2013 Solved Paper II

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1. Which of the following is not a recommendation of a WHO study group 2011, for recording blood pressure (A)? Record B. P. In a sitting position (B) Measure B. P. Thrice over a period of at least 3 minutes (C) Take the average of three readings as correct B. P (D) Use one arm consistently

Answer: c

2. Tobacco use is associated with all the following cancers except:

- a. Bladder
- b. Liver
- c. Pancrease
- d. Pharynx

Answer: b

3. Glycosylated haemoglobin is indicative of mean blood glucose levels during the past

- a. 2 – 3 days
- b. 2 – 3 weeks
- c. 2 – 3 months
- d. 2 – 3 years

Answer: c

4. Provision of concentrated solution of Vitamin A to every child from 9 months to 5 years of age as a prophylactic dose, every 6 monthly was supported by

- a. UNICEF

- b. WHO
- c. UNDP
- d. World Bank

Answer: a

5. What is meant by an exclusive breast feeding during first six months of Infancy?

- a. Feeding only breast milk including colostrum
- b. Feeding only breast milk excluding colostrum
- c. Feeding breast milk and boiled water
- d. Feeding breast milk and sugar water

Answer: a

6. Pap smear test for women is currently recommended at

- a. every year in women aged more than 35 years.
- b. beginning of sexual activity and every year after that.
- c. beginning of sexual activity and every 3 years after that.
- d. every year in married women.

Answer: c

7. Exposure to radiation in mammography is

- a. more than 10 times higher radiation risk than M chest X-rays.
- b. same radiation risk as chest X-Ray.
- c. Lower radiation risk than a chest X-ray.
- d. No risk of radiation.

Answer: a

8. The follow up prescribed for a woman after IUCD insertation is

- a. every month for one year.
- b. after her first and third menstrual periods and 6 months after that.
- c. after her first menstrual period and 6 months after that.

d. after three months and every month thereafter.

Answer: b

9. Special Newborn Care Unit (SNCU) should be there in

- a. any facility with more than 1000 deliveries per year.
- b. any facility with more than 1, 000 deliveries per month.
- c. any facility with more than 3000 deliveries per month.
- d. any facility with more than 3000 deliveries per year.

Answer: d

10. The level at which increase in knowledge is brought about by communication is known as

- a. Cognitive domen
- b. Affective domen
- c. Psychomotor domen
- d. Social domen

Answer: a

11. Which of the following vaccnes are given at birth in India as per National Immunization schedule?

- a. BCG
- b. OPV
- c. Hepatitis-B
- d. Hepatitis-A
- e.
 - i. 1, 2, 3 are correct.
 - ii. 2, 3, 4 are correct.
 - iii. 1, 2, 4 are correct.
 - iv. 3, 4, 1 are correct.

Answer: a

12. Following are the asymmetrical frequency distributions:

- a. Skewed distribution
- b. Normal distribution
- c. Bimodal distribution
- d. 'J' shaped distribution
- e.
 - i. 1, 2, 3 are correct.
 - ii. 1, 3, 4 are correct.
 - iii. 2, 3, 4 are correct.
 - iv. 1, 2, 4 are correct.

Answer: b

13. Which of the following are true regarding point source epidemic?

- a. All cases occur abruptly and simultaneously.
- b. Children are most commonly affected.
- c. Occurs with a specified incubation period.
- d. The epidemic curve rises and falls rapidly.
- e.
 - i. 1, 3, 4 are correct.
 - ii. 2, 3, 4 are correct.
 - iii. 2, 3 are correct.
 - iv. 1, 2 are correct.

Answer: a

14. Which of the following prevalence criteria are used to determine the problem of xerophthalmia in children aged 6 months to 6 years:

- a. Night blindness more than 1%
- b. Bitots spots more than 0.05%
- c. Corneal xerosis more than 0.01%
- d. Serum retinol (less than 10 mcg/dl) more than 5%
- e.
 - i. 2, 3, 4 are correct.
 - ii. 1, 3, 4 are correct.

iii. 1, 2 are correct.

iv. 2, 3 are correct.

Answer: b

15. Which of the following are true about Anopheles mosquitoes?

a. Eggs boat shaped and pointed with parallel floats.

b. Larvae rest parallel to water surface

c. Larvae have siphon tubes.

d. Wings of adult are spotted

e. i. 1, 3 are correct.

ii. 2, 3 are correct.

iii. 2, 3, 4 are correct.

iv. 1, 2, 4 are correct.

Answer: d

16. Which of the following are means of primary prevention of Hypertension?

a. Dietary changes

b. Cessation of smoking

c. Early diagnosis

d. Regular physical exercise

e. i. 1, 2, 4

ii. 1, 3, 4

iii. 2, 3

iv. 3, 4

Answer: a

17. Which of the following statements are correct about assessment of growth and development in children?

a. Mean rather than median is used because of a skewed distribution of most of the anthropometric measurements.

- b. A variation of 25 D from either side of the mean is considered as normal.
- c. Normal children fall between 3rd and 97th percentile.
- d. Percentiles refer to the percentage of individuals falling above a particular level.
- e.
 - i. 2 and 3 are correct.
 - ii. 1 and 2 are correct.
 - iii. 2 and 4 are correct.
 - iv. 1, 2 and 3 are correct.

Answer: a

18. Which of the following statements are correct about epidemiological assessment iodine deficiency?

- a. Urinary iodine excretion is recommended.
- b. Neonatal hypothyroidism has been found to be a sensitive indicator for environmental iodine deficiency.
- c. Serum T3 level is a more sensitive indicator of thyroid insufficiency than T4.
- d. Prevalence of cretinism is a recommended indicator.
- e.
 - i. 1 and 3 are correct.
 - ii. 3 and 4 are correct.
 - iii. 1, 2 and 4 are correct.
 - iv. 1, 2 and 3 are correct.

Answer: c

19. Which of the following organs are affected among cancers attributed to occupational exposure?

- a. Lung
- b. Breast
- c. Bladder
- d. Liver
- e.
 - i. 2, 3 & 4 are correct.
 - ii. 1, 3 & 4 are correct.

iii. 1 & 2 are correct.

iv. 2 & 4 are correct.

Answer: b

20. Which of the following methods are accepted methods of randomisation?

- a. Lottery method
- b. Table of Random Numbers
- c. Computer program for randomisation
- d. Odd-even day randomisation
- e.
 - i. 1, 2 & 3 are correct.
 - ii. 2, 3 & 4 are correct.
 - iii. 3 & 4 are correct.
 - iv. 2 & 4 are correct.

Answer: a

21. • **Assertion (A):** The W. H. O. Expanded programme on immunization recommends measles vaccination at 9 months of age.

• **Reason (R):** Measles tends to be very severe in malnourished children.

- a. Both A and R are true and R is the correct explanation of (A).
- b. Both A and R are true, but R is not the correct explanation of (A).
- c. A is true but R is false.
- d. A is false, but R is true.

Answer: b

22. • **Assertion (A):** Sickness benefit under the E. S. I. Act consists of periodical cash payment to an insured person in case of sickness, if his sickness is duly certified by an Insurance Medical Practitioner.

• **Reason (R):** Sickness benefit is payable for a maximum period of 180 days in any continuous period of 365 days.

- a. Both A and R are true and R is the correct explanation of (A).

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- b. Both A and R are true, but R is not the correct explanation of (A).
- c. A is true but R is false.
- d. A is false, but R is true.

Answer: c

23. • **Assertion (A):** Information from persons testing positive for HIV at the (ICTCs) Integrated Counselling and Testing Centres across the country during 2011 – 12 shows that 88.2% of HIV infections are transmitted through heterosexual route of transmission.
- **Reason (R):** Sexual mode of transmission is the most efficient mode of HIV transmission.
- a. Both A and R are true and R is the correct explanation of (A).
 - b. Both A and R are true, but R is not the correct explanation of (A).
 - c. A is true but R is false.
 - d. A is false, but R is true.

Answer: c

24. • **Assertion (A):** Frank cases of beriberi were commonly seen in coastal districts of Andhra Pradesh where people eat highly polished rice.
- **Reason (R):** Thiamine is readily lost from rice during the process of milling. Further losses take place during washing and cooking.
- a. Both A and R are true and R is the correct explanation of (A).
 - b. Both A and R are true, but R is not the correct explanation of (A).
 - c. A is true but R is false.
 - d. A is false, but R is true.

Answer: a

25. • **Assertion (A):** Mild and Moderate cases of Protein Energy Malnutrition constitute 20% of malnutrition cases in India.
- **Reason (R):** Maintaining growth chart is the most practical method to detect Protein Energy Malnutrition (P. E. M.) early.
- a. Both A and R are true and R is the correct explanation of (A).

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- b. Both A and R are true, but R is not the correct explanation of (A).
- c. A is true but R is false.
- d. A is false, but R is true.

Answer: d

26. • **Assertion (A):** Objectives and targets are not synonymous.
- **Reason (R):** Objectives are concerned with the problem itself whereas targets refer to degree of achievement of a discrete activity.
- a. Both A and R are true and R is the correct explanation of (A).
 - b. Both A and R are true, but R is not the correct explanation of (A).
 - c. A is true but R is false.
 - d. A is false, but R is true.

Answer: a

27. • **Assertion (A):** Integrated Rural Development Program (I. R. D. P.) is aimed at attacking poverty and improve the quality of life of rural people.
- **Reason (R):** Cash incentives are given to all people below poverty line.
- a. Both A and R are true and R is the correct explanation of (A).
 - b. Both A and R are true, but R is not the correct explanation of (A).
 - c. A is true but R is false.
 - d. A is false, but R is true.

Answer: c

28. • **Assertion (A):** Panchayat Raj Institution is a rural local self government in India.
- **Reason (R):** MPs and M. L. A. s in the district are members of Zilla parishad.
- a. Both A and R are true and R is the correct explanation of (A).
 - b. Both A and R are true, but R is not the correct explanation of (A).
 - c. A is true but R is false.
 - d. A is false, but R is true.

Answer: b

29. • **Assertion (A):** All the waste produced by the Health Care Institutions is infectious.
- **Reason (R):** The waste produced in the course of health care activities carries the risk of infection and injury to the biomedical waste handlers.
- a. Both A and R are true and R is the correct explanation of (A).
 - b. Both A and R are true, but R is not the correct explanation of (A).
 - c. A is true but R is false.
 - d. A is false, but R is true.

Answer: d

30. • **Assertion (A):** Quarantine which can once a popular method of disease control has now become outdated.
- **Reason (R):** Quarantine measures are not applied to ship or aircraft also.
- a. Both A and R are true and R is the correct explanation of (A).
 - b. Both A and R are true, but R is not the correct explanation of (A).
 - c. A is true but R is false.
 - d. A is false, but R is true.

Answer: c

31. Arrange the following diseases in the chronological order of the year of their elimination/eradication in India:
- a. Yaws, Smallpox, Dracunculiasis, Poliomyelitis
 - b. Smallpox, Dracunculiasis, Yaws, Poliomyelitis
 - c. Smallpox, Yaws, Dracunculiasis, Poliomyelitis
 - d. Dracunculiasis, Smallpox, Yaws, Poliomyelitis

Answer: b

32. Arrange the following vaccines in descending order of their protective efficiency:
- a. Tetanus, Pertussis, BCG, Diphtheria
 - b. Pertussis, Diphtheria, BCG, Tetanus

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c. Tetanus, BCG, Diphtheria, Pertussis

d. Tetanus, Diphtheria, Pertussis, BCG

Answer: d

33. Arrange the following states in ascending order of their female literacy levels as per 2011 census:

a. Rajasthan, Maharashtra, Himachal Pradesh, Kerala

b. Maharashtra, Rajasthan, Himachal Pradesh, Kerala

c. Himachal Pradesh, Rajasthan, Maharashtra, Kerala

d. Rajasthan, Himachal Pradesh, Maharashtra, Kerala

Answer: a

34. Identify the correct ascending order of the following countries according to their Maternal Mortality Rate/1, 00, 000 population as reported in the year 2010:

a. Sri Lanka, Singapore, Pakistan, India

b. Singapore, Sri Lanka, India, Pakistan

c. Sri Lanka, Singapore, India, Pakistan

d. Singapore, Sri Lanka, Pakistan, India

Answer: b

35. Identify the correct chronological order of the following disease causing agents according to their discover:

a. Hepatitis C Virus, Rotavirus, Corona Virus (SARs), Helicobacter Pylori

b. Helicobacter Pylori, Rotavirus, Corona Virus (SARs), Hepatitis C Virus

c. Rotavirus, Helicobacter Pylori, Hepatitis C Virus, Corona Virus (SARs)

d. Rotavirus, Hepatitis C Virus, Corona Virus (SARs), Helicobacter Pylori

Answer: c

36. Arrange the topics mentioned below related to the themes of World Health Day in chronological order:

a. Urbanization and Health, Antimicrobial resistance, Longevity and quality of life, Healthy blood pressure.

- b. Urbanization and Health, Longevity and quality of life, Healthy blood pressure, Antimicrobial resistance
- c. Longevity and quality of life, Healthy blood pressure, Antimicrobial resistance, Urbanization and Health
- d. Healthy blood pressure, Urbanization and Health, Longevity and quality of life, Antimicrobial resistance

Answer: a

37. Arrange the following ionizing radiations in descending order of their penetrating power in tissues:

- a. Gamma rays, Alpha particles, Beta particles, X-rays
- b. Beta particles, X-rays, Alpha particles, Gamma rays
- c. X-rays, Gamma rays, Alpha particles, Beta particles
- d. Gamma rays, X-rays, Beta particles, Alpha particles.

Answer: d

38. Arrange the following interventions and strategies of malaria control in India, in ascending order of the year of their implementation:

- a. Indoor residual spraying, Prereferral treatment with recommended medicines, Insecticide treated nets distributed free of cost, Rapid diagnostic tests used at community level
- b. Insecticide treated nets distributed free of cost, Pre-referral treatment with recommended medicines, indoor residual spraying, rapid diagnostic tests used at community level
- c. Indoor residual spraying, Insecticide treated nets distributed free of cost, Prereferral treatment with recommended medicines, rapid diagnostic tests used at community level
- d. Indoor residual spraying, Rapid diagnostic tests used at community level, Pre-referral treatment with recommended medicines, Insecticide treated nets distributed free of cost

Answer: a

39. Arrange the following milks from various sources in descending order of their energy (Kcal) content:

- a. Goat, cow, human, buffalo

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- b. Buffalo, goat, cow, human
- c. Human, goat, buffalo, cow
- d. Buffalo, cow, goat, human

Answer: b

40. Arrange the following modes of transmission of HIV/AIDS in ascending order of their efficiency of transmission:

- a. Intravenous drug use, Mother to child transmission, Sexual transmission, Blood transfusion
- b. Mother to child transmission, Intravenous drug use, Sexual transmission, Blood transfusion
- c. Sexual transmission, Mother to child transmission, Intravenous drug use, Blood transfusion.
- d. Sexual transmission, Intravenous drug use, Mother to child transmission, Blood transfusion

Answer: c

41. In the following question Match List-I with List-II

List-I (Agency)

List-II (Assistance in India)

- | | |
|---------------------------|--|
| a. Rockefeller foundation | a. Designing and construction of hand flushed sanitary latrines. |
| b. SIDA | b. Supporting the National Blindness Control Programme |
| c. DANIDA | c. Supporting the National Tuberculosis Control Programme |
| d. Ford Foundation | d. Setting up the field demonstration area with AIIMS |

A B C D

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- a. 4 3 2 1
- b. 2 3 1 4
- c. 3 2 1 4
- d. 1 4 2 3

Answer: a

42. In the following question Match List-I with List-II

List-I (Pneumo-Coniosis)

- a. Farmer's Lung
- b. Bagassosis
- c. Byssinosis
- d. Anthracosis

List-II (Dust)

- a. Coal
- b. Grain
- c. Cotton
- d. Sugar cane

A B C D

- a. 2 3 1 4
- b. 2 4 3 1
- c. 3 2 4 1
- d. 1 3 2 4

Answer: b

43. In the following question Match List-I with List-II

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List-I (Type of Food Poisoning)

- a. Salmonella
- b. Staphylococcal
- c. Botulism
- d. Bacillus cereus

List-II (Symptoms)

- a. Sudden onset with vomiting and abdominal cramps
- b. Diarrhoea, abdominal pain, no fever and little vomiting
- c. Sudden onset with chills, fever, nausea and vomiting
- d. Dysphagia, diplopia, ptosis and blurring of vision

A B C D

a. 3 2 4 1

b. 1 2 4 3

c. 3 1 4 2

d. 1 3 4 2

Answer: c

44. In the following question Match List-I with List-II

List-I (Committee)

- a. Modhok
- b. Chadha
- c. Mukherjee
- d. Kartar Singh

List-II (Purpose)

- a. Basic health workers' norms
- b. Minimum additional staff for PHCs
- c. Multipurpose Health Workers
- d. Malaria Eradication Programme

A B C D

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- a. 1 3 2 4
- b. 4 3 1 2
- c. 4 1 2 3
- d. 4 3 1 2

Answer: c

45. In the following question Match List-I with List-II

List-I (Health Related Millennium Development Goal Number)

List-II (Goal)

- a. Goal 1
- b. Goal 5
- c. Goal 6
- d. Goal 7

- a. Combat HIV/AIDS Malaria
- b. Ensure environmental sustainability
- c. Eradicate extreme poverty and hunger
- d. Improve Maternal Health

A B C D

- a. 3 4 1 2
- b. 4 3 2 1
- c. 3 2 1 4
- d. 2 3 4 1

Answer: a

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46. In the following question Match List-I with List-II

List-I (Mendelian Diseases)

List-II (Mode of inheritance)

- a. Achondroplasia
- b. Albinism
- c. G6 PD Deficiency
- d. Vit. D resistant Rickets

- a. Sex linked recessive
- b. Autosomal recessive
- c. Sex linked dominant
- d. Autosomal dominant

A B C D

a. 1 3 2 4

b. 2 4 3 1

c. 3 4 2 1

d. 4 2 1 3

Answer: d

47. In the following question Match List-I with List-II

List-I (Measures of a screening test)

List-II (Quality)

- a. Sensitivity
- b. Specificity
- c. Predictive accuracy
- d. Yield

- a. Diagnosis of previously undiagnosed disease
- b. Diagnostic power of the test
- c. Ability to detect true negatives
- d. Ability to detect true positives

A B C D

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- a. 1 3 2 4
- b. 4 3 2 1
- c. 2 3 4 1
- d. 3 4 1 2

Answer: b

48. In the following question Match List-I with List-II

List-I (Instruments)

List-II (Measures)

- a. Sling Psychrometer
- b. Kata thermometer
- c. Globe Thermometer
- d. Anemometer

- a. Radiant temperature
- b. Air velocity
- c. Humidity
- d. Cooling power

A B C D

- a. 1 3 2 4
- b. 2 3 1 4
- c. 3 1 4 2
- d. 3 4 1 2

Answer: d

49. In the following question Match List-I with List-II

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List-I (Type of Communication)

- a. Didactic
- b. Socratic
- c. Non-verbal
- d. Telecommunication

List-II (Method)

- a. Internet
- b. Body language
- c. One way
- d. Two way

A B C D

a. 3 4 2 1

b. 2 1 4 3

c. 1 2 4 3

d. 3 4 1 2

Answer: a

50. In the following question Match List-I with List-II

List-I (Food Stuff)

- a. Ground nut
- b. Ragi
- c. Indian Gooseberry
- d. Garden cress seeds

List-II (Rich Source)

- a. Vit C
- b. Iron
- c. Calcium
- d. Niacin

A B C D

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a. 3 2 1 4

b. 4 3 1 2

c. 4 2 3 1

d. 2 3 1 4

Answer: b

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