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CMSE 2019 – Comm Med MCQs

81.

Global hunger index combines three equally weighted indicators EXCEPT:

(a) Undernourishment (b) Child underweight (c) Child mortality (d) Child morbidity

Ans: child morbidity, 757/park 25e PSM Simplified By Dr Mukhmohit
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82.

Physical Quality of life consolidates which of the following indicators?

1. Infant Mortality Rate
2. Life expectancy at birth
3. Literacy
4. Per capita income
5. Mean years of schooling
6. Life expectancy at age one

Select the correct answer using the code given below: (a) 1,2 and 3

(b) 1,4and5 (c) 2,3and6 (d) 1,3and6

Ans: d. 1,3,6 PSM Simplified By Dr Mukhmohit
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83.

The sequence of events leading to disability and handicap is:

- (a) Disease → Disability → Impairment → Handicap
- (b) Disease → Impairment → Disability → Handicap
- (c) Disease → Handicap → Impairment → Disability
- (d) Disease → Disability → Handicap → Impairment

Ans. (b) Disease → Impairment→Disability→Handicap PSM Simplified By Dr Mukhmohit
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84.

Which one of the following is NOT done as screening test in pregnancy?

- (a) Syphilis-VDRL
- (b) Serum cholesterol
- (c) Diabetes
- (d) Neural tube defects

Ans. (b) Serum cholesterol PSM Simplified By Dr Mukhmohit
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85.

Which one of the following statements is NOT true for taking a decision on screening for disease?

- (a) Disease prevalence should be high (b) Disease is lethal
- (c) Proportion of false negatives is high (d) Sensitivity and specificity are high

Ans. (b) Disease is lethal. (150/park 25e) PSM Simplified By Dr Mukhmohit
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86.

In a case-control study, 300 women aged 20-45 years suffering from breast cancer were compared with age-matched 300 women without breast cancer. It was observed that 120 women among cases and 60 women among controls were obese. The odds ratio of developing breast cancer among obese women is:

(a) 9/5 (b) 11/5 (c) 8/3 (d) 11/3 PSM Simplified By Dr Mukhmohit

Ans: 8/3 [(240*120) / (180*60)] www.mukhmohit.com

87.

Standardized Mortality ratio is best explained by which one of the following statements?

- (a) New spells of disease in a given period of time per 1000 population
- (b) Number of deaths in a given period of time per 1000 population
- (c) Percentage of total number of deaths that occur in a population to the number of deaths that are expected to occur
- (d) Percentage of deaths in women as compared to deaths in men

Ans. (c) Percentage of total number of deaths that occur in a population to the number of deaths that are expected to occur ... 68, park 25e PSM Simplified By Dr Mukhmohit

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88.

In a family of six (2 parents and 4 children), the youngest child catches measles infection. The parents are immune to the infection. On 3rd and 5th day of the infection of the first child, the two other children also suffer from measles. The secondary attack rate (SAR) of measles is:

(a) 33.3 % (b) 40 % (c) 50 % (d) 66.6 % PSM Simplified By Dr Mukhmohit

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ans. d. 66.6%.... POC of measles is 4 days before rash and IP of measles is 7-14 days...so, both cases are secondary cases

89.

What is the relative risk of developing pulmonary embolism in users of oral contraceptives as per the information given below?

(a) 0.48 (b) 4.80 (c) 2.40 (d) 0.24

Women using OCs	Pulmonary embolism		Total
	Yes	No	
Yes	120	80	200
No	10	70	80
Total	130	150	280

Ans.4.8 ...[(120/200) * (80/10)] PSM Simplified By Dr Mukhmohit

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90.

Which one of the following epidemiologic methods can be used to identify risk factors and estimate the degree of risk?

- (a) Cohort study and Randomized control trial
- (b) Case control and Cross-sectional studies
- (c) Case control and Cohort studies
- (d) Cohort study and Ecological studies

Ans. C.

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slightly tricky one.... 'identify' risk factors.... best to mark is c

91.

Which one of the following tests should be applied to compare mean haemoglobin level of two groups of antenatal mothers?

- (a) Chi-square test
- (b) Paired t-test
- (c) Unpaired t-Test
- (d) Analysis of variance

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Ans. (c) Unpaired t-Test

92.

In a population of 5000, there are 19 % eligible couples. To achieve a couple protection rate (CPR) of 60 %, how many of these should be covered for family planning services?

- (a) 530 (b) 550 (c) 570 (d) 590

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Ans. (c) 570

93.

The drug of choice for chemoprophylaxis to health care personnel and close contacts of suspected or confirmed case of pandemic influenza A (H₁N₁) is:

- (a) Zanamavir (b) Oseltamivir (c) Ribavirin (d) Amantadine

Ans. (b) Oseltamivir

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94.

Which one of the following is the recommended site for immunization with hepatitis B vaccine in young children for ensuring reliable absorption?

- (a) Gluteal region
- (b) Anterolateral aspect of thigh
- (c) Deltoid region
- (d) Anterior aspect of thigh

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Ans. (b) Anterolateral aspect of thigh

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95.

Vaccine associated Paralytic Poliomyelitis is mostly observed due to which of the following isolate type strain?

- (a) Type-1 only
- (b) Type-3
- (c) Type-2 only
- (d) Both Type-1 and 2

Ans. (b) Type-3 PSM Simplified By Dr Mukhmohit
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96.

The specific goals for 2025 under the integrated Global Action Plan for the Prevention and Control of Pneumonia and Diarrhea (GAPPD) are all of the following EXCEPT:

- (a) Reduce mortality from pneumonia in children less than 5 years of age to fewer than 3 per 1000 live births
- (b) Reduce mortality from diarrhea in children less than 5 years of age to fewer than 1 per 1000 live births
- (c) Reduce the incidence of severe pneumonia by 90 % in children less than 5 years of age compared to 2010 levels
- (d) Reduce incidence of severe diarrhea by 75 % in children less than 5 years of age compared to 2010 levels

Ans. (c) Reduce the incidence of severe pneumonia by 90 % in children less than 5 years of age compared to 2010 levels 186/park 25e

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97.

Association between hardness of drinking water and death rate from cardiovascular diseases is:

- (a) Direct
- (b) Inverse
- (c) No association
- (d) Association is obtained in presence of confounders

Ans. (c) No association PSM Simplified By Dr Mukhmohit
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98.

Which one of the following statements regarding Magnesium is NOT true?

- (a) It is constituent of bones
- (b) It is essential for normal metabolism of calcium and potassium
- (c) Human adult body contains about 50 g of Magnesium
- (d) Daily requirement of magnesium is estimated to be about 340 mg/day for adults

Ans. (c) Human adult body contains about 50 g of Magnesium....679/park 25e...

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99.

Which one of the following oil/fat contains high mono-unsaturated fatty acid and moderate linoleic acid?

(a) Groundnut oil (b) Palm kernel oil (c) Safflower oil (d) Flax seed oil

Ans. (a) Groundnut oil PSM Simplified By Dr Mukhmohit
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100.

Which one of the following trace elements if deficient in the diet can lead to low birth weight, preterm delivery, spontaneous abortion or even congenital malformation like anencephaly?

(a) Copper (b) Cobalt (c) Selenium (d) Zinc

Ans. (d) Zinc..... 682/park 25e

101.

An adult weighs 73 kgs and has a height of 1.75 meters. For the purpose of classification of overweight and obesity as per WHO recommendation, this person will be classified as:

(a) Underweight
(b) Normal
(c) Preobese
(d) Overweight

Ans. (b) Normal...as per BROCA's index.... 428/park 25e PSM Simplified By Dr Mukhmohit
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102.

Which one of the following statements regarding WHO Global Action Plan for the prevention and control of NCDs (2013–2020) is NOT correct?

(a) At least 10 percent relative reduction in the harmful use of alcohol as appropriate within national context
(b) A 20 percent relative reduction in prevalence of insufficient physical activity
(c) A 10 percent relative reduction in mean population intake of salt/sodium
(d) Halt the rise of diabetes and obesity

Ans. (b) A 20 percent relative reduction in prevalence of insufficient physical activity..... 394/park 25e PSM Simplified By Dr Mukhmohit
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103.

All are components of Jai Vigyan Mission Mode project on community control of RF/RHD in India EXCEPT:

(a) To study the epidemiology of streptococcal sore throats (b) To establish registries for RF and RHD
(c) Antibiotic treatment of streptococcal sore throats
(d) Vaccine development for streptococcal infection

Ans. (d) Vaccine development for streptococcal infection PSM Simplified By Dr Mukhmohit
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104.

What type of indicator is Sustainable Development Goal target 3.4, which calls for a one third reduction in premature mortality from Non Communicable Diseases (NCD's) by year 2030?

1. Impact
2. Coverage/risk factor
3. Risk factor/determinants

Select the correct answer using the code given below:

(a) 1 only (b) 2 and 3 (c) 1 and 3 (d) 3 only

Ans. (a) 1 only PSM Simplified By Dr Mukhmohit
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105.

Which one of the following occupational diseases is the most common cause of permanent disability and mortality?

(a) Silicosis (b) Anthracosis (c) Byssinosis (d) Asbestosis

Ans. (a) Silicosis PSM Simplified By Dr Mukhmohit
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106.

Which one of the following conditions is NOT inborn error of metabolism?

- (a) Tay-Sach's disease
- (b) Maple syrup urine disease (c) Neural tube defects
- (d) Down's syndrome

Ans. (d) Down's syndrome PSM Simplified By Dr Mukhmohit
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107.

Amniocentesis is called for in all of the following circumstances EXCEPT:

- (a) A mother aged 35 years or more
- (b) Mother who had a child with Down's syndrome or other chromosomal anomalies
- (c) Parents who are known to have chromosomal translocation
- (d) A father aged 50 year or more

Ans. (d) A father aged 50 year or more.... 890/park 25e PSM Simplified By Dr Mukhmohit
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108.

As per WHO recommendations which one of the following mumps vaccine strains should NOT be used in National Immunization Programme?

- (a) Teryl Lynn (b) Rubini
- (c) L-Zagreb (d) RIT 4385

Ans. (b) Rubini...WHO website, Mumps vaccine info update PSM Simplified By Dr Mukhmohit
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109.

All of the following are mass approaches towards education of general public EXCEPT:

- (a) Internet
- (b) Roleplaying
- (c) Direct mailing
- (d) Posters, Bill boards and signs

Ans. (b) Roleplaying PSM Simplified By Dr Mukhmohit
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110.

Which one of the following Ministries controls the Integrated Child Protection Scheme (ICPS)?

- (a) Ministry of Health and Family Welfare
- (b) Ministry of Women and Child Development
- (c) Ministry of AYUSH
- (d) Ministry of Human Resource Development

Ans. (b) Ministry of Women and Child Development PSM Simplified By Dr Mukhmohit
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111.

Which of the following is a contraindication for BCG vaccination in a newborn?

- (a) Low birth weight
- (b) History of Tuberculosis in mother
- (c) Prematurity
- (d) HIV infection-symptomatic

Ans. (d) HIV infection-symptomatic ...214/park25e PSM Simplified By Dr Mukhmohit
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112.

Rashtriya Bal Swasthya Karyakram (RBSK) attempts to identify all of the following deficiencies in children in the age group 0–18 years EXCEPT:

- (a) Severe acute malnutrition
- (b) Zinc deficiency
- (c) Vitamin A deficiency
- (d) Vitamin D deficiency

Ans. (b) Zinc deficiency PSM Simplified By Dr Mukhmohit
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113.

Children of severe acute malnutrition discharged from Nutritional Rehabilitation Centres (NRCs) should be observed in the community by an Anganwadi Worker (AWW) as per which one of the following schedules?

- (a) Once a week for first month and then twice weekly
- (b) Twice weekly in first month and then once a week
- (c) Once a week for first month and then once fortnightly
- (d) Twice weekly in first month and then once fortnightly

Ans. (c) Once a week for first month and then once fortnightly....494/park 25e PSM Simplified By Dr Mukhmohit
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114.

The facilities provided to pregnant women under the Janani Shishu Suraksha Karyakram are all EXCEPT:

- (a) All pregnant women delivery in public health institution to have absolutely free and no expense delivery including caesarean section
- (b) Free diet up to 3 days during normal delivery
- (c) Free diagnosis and free blood whenever required
- (d) Complications during ANC, PNC are not covered

Ans. (d) Complications during ANC, PNC are not covered 492/park25e PSM Simplified By Dr Mukhmohit
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115.

All of the following drugs are effective for treatment of human reservoir for hookworm infection in single dose EXCEPT:

(a) Piperazine (b) Albendazole (c) Levamisole (d) Pyrantel

Ans. (a) Piperazine....268/park 25e PSM Simplified By Dr Mukhmohit
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116.

A woman delivers a healthy baby with weight 2.2 kg at the time of birth. What measures are to be taken?

1. The baby should be exclusively breast fed for first six months
2. The vaccination with OPU and BCG should be delayed till the baby is 2.5 kg of weight
3. Baby should be kept with mother and kangaroo care to be given

Select the correct answer using the code given below: (a) 1,2and3

(b) 1 and 2 only (c) 1 and 3 only (d) 2 and 3 only

Ans. (c) 1 and 3 only..... 214/park 25e PSM Simplified By Dr Mukhmohit
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117.

LNG-20 (Mirena) is a third generation intra uterine device. What are the advantages of its use?

1. Low uterine pregnancy rates
2. Prevents anemia
3. Long effective life of 10 years
4. No effect on incidence of ectopic pregnancy

Select the correct answer using the code given below:

(a) 1,2and3 (b) 2,3and4 (c) 1,3and4 (d) 1,2and4

Ans. (a) 1,2 and 3.....547/park 25e PSM Simplified By Dr Mukhmohit
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118.

Open vial policy applies to which one of the following vaccines?

(a) BCG (b) Measles (c) Hep B (d) JE

Ans. (c) Hep B... 120/park 25e PSM Simplified By Dr Mukhmohit
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119.

A village 'X' has a population of 5000 with a birth rate of 25 per thousand. In any given month, how many pregnancies should be registered with the ANM of this village?

(a) 66 (b) 67 (c) 68 (d) 69

Ans. (d) 69.... direct MCQ for the page... 576/park 25e PSM Simplified By Dr Mukhmohit
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120.

In India, for providing HIV treatment services Link ART Centres are situated at:

- (a) Select medical colleges
- (b) Medical colleges and district level hospitals
- (c) Sub-district level hospitals and Community Health Centres
- (d) Primary Health Centres

Ans. (c) Sub-district level hospitals and Community Health Centres PSM Simplified By Dr Mukhmohit
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