

National Board of Examinations

Question Paper Name :	DNB Family Medicine Paper4
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DNB Family Medicine Paper4

Group Number :	1
Group Id :	3271871944
Group Maximum Duration :	0
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Group Marks :	100
Is this Group for Examiner? :	No
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DNB Family Medicine Paper4

Section Id :	3271871947
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271871951
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718719052 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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. a) Define health. [2]
- b) What are the different levels of prevention that can be provided by Family Physicians? [4]
- c) Explain each level with an example. [4]

Question Number : 2 Question Id : 32718719053 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

You have diagnosed 17 cases of malaria in a village of population of 1000 in the last one month. There was only one or two cases diagnosed in the previous months.

- a) Which are the vectors that transmit Dengue fever, Malarial fever and Chikungunya? [2]
- b) How will you investigate this outbreak? [4]
- c) How will you apply integrated vector control measures in the village? [4]

Question Number : 3 Question Id : 32718719054 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

A 17-year-old boy in class 12 has been having headache for past 2 months almost every day which is progressively worsening. He has anorexia and lost weight from 52 to 45 kilos in one month. He is also reporting evening rise of temperature on and off for the past one month. His parents are professionals working abroad and he is studying in a hostel. His elder sister is studying in IIT Mumbai. He does not have any bad habits. He has depressed mood on and off. He says the life is not worth living anymore. His grand father had been treated for Pulmonary Tuberculosis when this boy was 5 years old.

- a) What are the various types of consultation models? [2]
- b) Explain the "Three Stage Assessment Model of Consultation". [3]
- c) Write the "Three stage assessment" of this boy and suggest a management plan for each problem. [5]

Question Number : 4 Question Id : 32718719055 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) What are the various stages of disaster management cycle? [5]
- b) You are working as the Family Physician in a Primary Health Centre in a rural part of India. You are receiving an alert about a possibility of earthquake in your area in the next one hour. How will you prepare the villagers for an anticipated earthquake? [3]
- c) How will you mitigate the disaster caused by earthquake? [2]

Question Number : 5 Question Id : 32718719056 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 10

- a) What are the types of referrals. [3]
- b) Describe an ideal referral pathway in any health care system. [3]
- c) What are the components of a "Referral Letter" written by a Family Physician while referring the patient to the Specialist? [4]

Question Number : 6 Question Id : 32718719057 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Write about adult vaccination schedule and list of adverse reactions you would warn the patients.
[6+4]

Question Number : 7 Question Id : 32718719058 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Mention the objectives of the recent National Tuberculosis Programme. [2]
- b) Write briefly about the following as per the National Tuberculosis Programme:
 - i) Diagnosis of Tuberculosis. [2]
 - ii) Categorization. [3]
 - iii) Treatment of Tuberculosis. [3]

Question Number : 8 Question Id : 32718719059 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the current delivery of primary healthcare in India. What are the challenges for the current system of primary healthcare in India? Give your suggestions to improve primary healthcare in India. [3+4+3]

Question Number : 9 Question Id : 32718719060 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) What are the health problems of adolescent girls in India? [4]
- b) Briefly describe the government schemes for adolescent girls in India. [3]
- c) What are the interventions a family physician would do to improve the health of adolescent girls during the School Health visits? [3]

Question Number : 10 Question Id : 32718719061 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

You conduct a school health screen for 10th graders and identify 30% of the students are overweight:

- a) What are the causes for more students being overweight in the past decade? [3]
- b) What are the future health risks for children with overweight and obesity? [3]
- c) What is your role in health promotion and prevention as family practitioner for this group of students? [4]