

**Entrance Examination-2013**  
**PG Diploma in Health Communication**



**Max. Marks: 75**

**Time: 2 Hours**

<b>HALL TICKET NUMBER</b>

**GENERAL INSTRUCTIONS**

- Please check if there are ten pages excluding this page.
- Please read the instructions for each section carefully.
- Enter your hall ticket number on the question paper and OMR sheet without fail.
- Please return the OMR sheet to the invigilator.
- You may carry the question paper with you.
- Read the instructions on the OMR sheet carefully before proceeding.
- Answer all the 75 questions in the OMR sheet.
- All questions carry equal negative marks. 0.33 marks will be subtracted for every wrong answer.

**TOTAL NUMBER OF PAGES EXCLUDING THIS PAGE: 10 (TEN)**

**SECTION 1: GENERAL AWARENESS AND MEDIA AWARENESS (20 x 1= marks)**

1. Which one of these is NOT a women's rights activist?
  - A. Kavita Krishnan
  - B. Brinda Karat
  - C. Nilanjana Roy
  - D. Kavita Krishnamoorthy
  
2. MOOCs are a type of
  - A. online courseware
  - B. multi-user game
  - C. online community
  - D. social network
  
3. The current Chief Minister of Haryana is
  - A. Om Prakash Chauthala
  - B. Bhupinder Singh Hooda
  - C. Bansi Lal
  - D. None of the above
  
4. The law that prohibits speech that "brings or attempts to bring into hatred or contempt, or excites or attempts to excite disaffection towards, the Government established by law in India" is \_\_\_\_\_
  - A. Tort Law
  - B. Muslim Law
  - C. Seditious
  - D. Nationality Law
  
5. The anchor of the TV news show "Face the Nation" is
  - A. Barkha Dutt
  - B. Nidhi Kulpati
  - C. Sagarika Ghose
  - D. Mahrukh Inayet
  
6. The IPL team now known as SunRisers Hyderabad was previously owned by
  - A. Sun TV Group
  - B. Deccan Chronicle Holdings Pvt Ltd
  - C. TTK
  - D. TVS Group
  
7. The Indian singer of one of this year's Oscar nominated songs is
  - A. Aruna Sairam
  - B. Shubha Mudgal
  - C. Bombay Jayashree
  - D. Nithyasree Mahadevan
  
8. Aman ki Asha is an initiative by this media group
  - A. Hindustan Times
  - B. Times of India
  - C. The Hindu
  - D. Anand Bazaar Patrika

9. The Union Minister of State for Information & Broadcasting is \_\_\_\_\_
- A. Ambika Soni
  - B. Manish Tiwari
  - C. Kapil Sibal
  - D. None of the above
10. Maruti Suzuki was in news last July after workers allegedly attacked supervisors and started a fire at its plant in \_\_\_\_\_
- A) Gurgaon
  - B) Gandhinagar
  - C) Manesar
  - D) Kakinada
11. The President of South Africa is \_\_\_\_\_
- A) Jacob Zuma
  - B) Kibaki
  - C) Raila Odinga
  - D) None of the above
12. The Punjabi rapper who was forced to cancel his New Year eve programme is \_\_\_\_\_
- A) Snoopy
  - B) Milkha Singh
  - C) Honey Singh
  - D) Daljit Singh
13. Which of these is not a news magazine?
- A. Outlook
  - B. Caravan
  - C. Mumbai Mirror
  - D. The Week
14. Microsoft's tablet computer is called
- A. Galaxy
  - B. iPad
  - C. Surface
  - D. Touchpad
15. The film adaptation of Salman Rushdie's *Midnight's Children* was directed by
- A. Mira Nair
  - B. Shekhar Kapur
  - C. Danny Boyle
  - D. Deepa Mehta
16. The late Pandit Ravi Shankar's daughter, who is a Grammy award-winning singer is:
- A. Norah Jones
  - B. Anoushka Shankar
  - C. Sukanya Shankar
  - D. Sue Jones

17. The indigenously produced tablet computer in India that is being offered at a very affordable price is called:

- A. Prithvi
- B. Agni
- C. Akash
- D. Vayu

18. Which publishing group launched a graphic novel on the Carnatic singer MS Subbalakshmi

- A) Tinkle
- B) Chhota Bheem Publications
- C) Amar Chitra Katha
- D) Chandamama

19. Tarun Sehrawat is the name of

- A. the editor of *Tehelka*
- B. a crime reporter for *Times Now*
- C. a photojournalist who covered Chhattisgarh
- D. a journalist for the *Mumbai Mirror*

20. Mani Rathnam's last film before *Kadal* was

- A. Guru
- B. Raavan
- C. Nayakan
- D. Dil Se

## SECTION 2: HEALTH AWARENESS (25 x 1=25 marks)

Select the most appropriate answer from the options given.

21. A disease that affects the bones is

- A. Osteopathology
- B. Neuromyelitis
- C. Osteoporosis
- D. Fractures

22. Exposure to the sun provides

- A. Vitamin D
- B. Vitamin A
- C. Vitamin E
- D. None of the above

23. The Nobel Prize in Chemistry 2012 was awarded for work in

- A. neurobiology
- B. cell receptors
- C. nuclear medicine
- D. nanotechnology

- 24. The current Minister for Health and Family Welfare, GoI is**
- A. Vayalar Ravi
  - B. Ghulam Nabi Azad
  - C. Dr Pallam Raju
  - D. None of the above
- 25. The term "ASHA" refers to**
- A. female community health workers
  - B. rural midwives
  - C. rural school helpers
  - D. one-year trained rural nursing aides
- 26. Which of these is NOT considered a lifestyle disease?**
- A. obesity
  - B. hypertension
  - C. diabetes
  - D. glaucoma
- 27. A type of surgery that aims to address obesity and diabetes is**
- A. bypass
  - B. bone-augmentation
  - C. bariatric
  - D. cosmetic
- 28. Which of the following cannot be advertised directly?**
- A. tobacco & liquor
  - B. legal services
  - C. only a
  - D. both a & b
- 29. Which of the following is NOT considered a health issue?**
- A. climate change
  - B. road safety
  - C. school safety
  - D. suicide
- 30. The Millennium Development Goals are slated to be achieved by**
- A. 2020
  - B. 2015
  - C. 2050
  - D. 2012
- 31. The current Director General of the World Health Organization is**
- A. Ban Ki Moon
  - B. Gro Harlem Brundtland
  - C. Kofi Annan
  - D. Margaret Chan

**32. Which of the following diseases is caused by a bacterium?**

- A. polio
- B. tuberculosis
- C. influenza
- D. AIDS

**33. The Under-5 mortality rate is a key indicator of**

- A. maternal health
- B. child health
- C. human development
- D. all of the above

**34. Anti-retroviral therapy is used in**

- A. infectious disease treatment
- B. HIV treatment
- C. swine flu control
- D. malaria

**35. Which of the following BRICS countries spends the least on public healthcare?**

- A. Brazil
- B. Russia
- C. China
- D. India

**36. Which one of these is not a vector-borne disease?**

- A. cholera
- B. malaria
- C. bronchitis
- D. filariasis

**37. The main ingredient in oral rehydration therapy is**

- A. salt
- B. sugar
- C. water
- D. citric acid

**38. While India was declared polio free last year, which one of our neighbouring countries continues to bear a major burden of the disease?**

- A. Sri Lanka
- B. Pakistan
- C. Bangladesh
- D. Nepal

**39. Asperger's Syndrome is part of this category of disorders**

- A. mental illness
- B. malnutrition
- C. autism spectrum
- D. speech and hearing impairment

**40. Primary health care focuses on**

- A. disease prevention and health promotion
- B. disease diagnosis and health screening
- C. health education and community mobilization
- D. data gathering and disease monitoring

**41. India is fast becoming the world leader in terms of incidence of this disease**

- A. cardiovascular
- B. diabetes
- C. hypertension
- D. polio

**42. Those who do not consume or use any animal products are known as**

- A. vegans
- B. vegetarians
- C. pescatarians
- D. lacto-vegetarians

**43. The use of this substance was recently legalized in parts of the United States**

- A. ecstasy
- B. cannabis
- C. opium
- D. dopamines

**44. Film director Yash Chopra died of which of the following diseases?**

- A. Dengue
- B. Malaria
- C. Dementia
- D. Cancer

**45. There has been a demand to repeal the \_\_\_\_\_ test in the determination of rape:**

- A. Lie detector
- B. Breathalyzer
- C. Two-finger
- D. None of the above

**SECTION 3: COMPREHENSION (10 x1 = 10 marks)**

***Read the following extract and answer the questions by selecting the most appropriate answer from the options given below each.***

Children who attain puberty early may have less chances of getting osteoporosis later in life. This information may help Indians take precautionary steps, as one in every three women above 45 years has osteoporosis, a survey conducted by Arthritis Foundation of India states.

Statistics with the International Osteoporosis Foundation shows that one in every eight men and one in every three women in India suffer from osteoporosis. Influenced by genetic and environmental factors, osteoporosis is caused due to decrease in bone density and thinning of the bone tissue.

In the US, the average age for puberty is around 11 years. A study conducted by Children's Hospital Los Angeles found that healthy girls who started puberty a year earlier had approximately 5 per cent greater Bone Mineral Content and 2.5 per cent greater Bone Mineral Density at skeletal maturity.

Those starting a year later had 5 per cent and 2.5 per cent less. Similar findings, but to a smaller magnitude, were reported in healthy boys. Since their bone mass is greater, they get osteoporosis later or not at all. Results of this study were published in Journal of Pediatrics in its January issue this year.

Bones reach their maximum strength and size at about 20 years. The first period of rapid bone growth is from birth to two years. The second period is in the years of puberty, when the speed of building bones in the hip and spine increases by about five times.

Early puberty may reduce chances of osteoporosis, but it is not a healthy sign as it is associated with sedentary lifestyle, consumption of junk food and exposure to chemicals like detergents and pesticides that mimic estrogen. A study published last year in Pediatrics stated that girls with early puberty are more likely to develop breast and uterine cancer later. It also affects their psychological health and is linked to poor self-esteem, eating disorders and depression. It is "associated with hormonal imbalances and polycryptic uterine. It also affects growth and height which start early," said Manju Hotchandani, senior consultant of gynaecology and obstetrics at Moolchand Women's Hospital in Delhi.

Though late puberty leads to decrease in bone mass density, Hotchandani said, it implies late menopause which too, reduces osteoporosis risk. "We have got cases where people have wanted to delay the age of puberty. Injections are administered to suppress hormonal activity, but it can lead to reduction in bone mass. However, these side-effects are reversible and such people have never reported of developing osteoporosis at a later stage."

Like most diseases, osteoporosis too, afflicts Indians earlier. It occurs between 70 and 80 years in the West, but may strike Indians at 50-60 years.

"Increased osteoporosis cases in India may be on account of deficiency of calcium and Vitamin D, poor nutrition, less exposure to sports, high incidences of diabetes and not reaching the peak bone mass at the age of 25," said Sushil Sharma, chairperson of Arthritis Foundation of India.

*(Courtesy: Down to Earth, March 15, 2011)*



**46. The incidence of osteoporosis among Indian women over 45 years of age is estimated at**

- A. 33%
- B. 60%
- C. 75%
- D. not known

**47. According to the article, one of the factors that is thought to lower the risk of osteoporosis is**

- A. exercise
- B. early puberty
- C. high protein diet
- D. no family history of arthritis

**48. One study indicated that the following factors were correlated**

- A. early puberty, poor diet, sedentary lifestyle
- B. early puberty, breast cancer, osteoporosis
- C. uterine cancer, early puberty, osteoporosis
- D. all of the above

**49. Caucasian women generally begin to develop osteoporosis at**

- A. around 45 years
- B. between 60 and 70 years
- C. between 50 and 60 years
- D. between 70 and 80 years

**50. One of the reasons for osteoporosis is**

- A. increased bone mass density
- B. decreased bone mass density
- C. late menopause
- D. increased levels of estrogen

**51. The article suggests that the risk of osteoporosis may be lowered with**

- A. reduction in calcium intake
- B. hormonal therapy
- C. greater exposure to sports
- D. early menopause

**52. Most bone growth in females takes place during**

- A. the first two years of life
- B. during adolescence
- C. after puberty is reached
- D. at 20 years

**53. The incidence of osteoporosis among Indian men is**

- A. 0
- B. around 13%
- C. around 20 %
- D. the same as women

54. Osteoporosis is closely related to the following disease

- A. uterine cancer
- B. anemia
- C. arthritis
- D. rheumatism

55. According to the author, the risk of osteoporosis is compounded by

- A. environmental factors
- B. lifestyle
- C. neither a nor b
- D. both a and b

#### SECTION 4: LANGUAGE COMPETENCE (20 X 1= 20 MARKS)

*Complete the sentences with the most appropriate word or phrase from the options provided.*

56. Ram Nivas took pleasure in \_\_\_\_\_ takeover of other industries.

- A) Hostel
- B) Hostile
- C) Host
- D) Hotel

57. The government has decided to open another \_\_\_\_\_ factory in Mehrauli.

- A) Ordinance
- B) Ordnance
- C) Ordinary
- D) Ordained

58. I want to give you some free \_\_\_\_\_.

- A) Advise
- B) Advice
- C) Adverse
- D) Averse.

59. The rice mill worker was already on the \_\_\_\_\_ by the time the supervisor arrived.

- A) Flour
- B) Floor
- C) Flyer
- D) Flier.

60. Aishwarya was not \_\_\_\_\_ to drive the car since she was pregnant.

- A) Aloud
- B) Allowed
- C) Allow
- D) Allowance.

61. Students usually find it very easy to \_\_\_\_\_ to college life.

- A) Fit
- B) adapt
- C) reconcile
- D) suit

62. Her best friend \_\_\_\_\_ her in a time of need.

- A) Quitted
- B) deserted
- C) departed
- D) resigned

63. It's been months since she moved to the North, but she can't \_\_\_\_\_ herself yet.

- A) Fit
- B) match
- C) acclimatize
- D) harmonize

64. It got very dark, so they----- from the path and got lost.

- A) Strayed
- B) moved
- C) changed
- D) meandered

65. He and I \_\_\_\_\_ good friends.  
 A) Is    B) are    C) am    D) be
66. The teacher told us that the sun \_\_\_\_\_ in the east.  
 A) Rose    B) rises    C) rise    D) climbs
67. I \_\_\_\_\_ you that the new engineer has significant experience in system design.  
 A) ensure    B) insure    C) assure    D) sure
68. He decided to go ahead without any \_\_\_\_\_ delay.  
 A) farther    B) further    C) future    D) advance
69. She gave an \_\_\_\_\_ presentation in the class.  
 A) Verbal    B) aural    C) auxiliary    D) oral
70. Cigarette packs carry \_\_\_\_\_ health warnings.  
 A) explicit    B) implicit    C) implicate    D) eminent
71. The manager was good enough to \_\_\_\_\_ my mistake.  
 A) oversee    B) overtake    C) overdo    D) overlook
72. He is looking \_\_\_\_\_ a present to buy his girlfriend.  
 A) for    B) into    C) in    D) on
73. One of the many \_\_\_\_\_ of foreign travel is learning how to cope with the unexpected.  
 A) profits    B) benefits    C) returns    D) proceeds
74. I have never seen \_\_\_\_\_ UFO.  
 A) an    B) a    C) it    D) one
75. We should not spend money \_\_\_\_\_ luxuries.  
 A) for    B) at    C) in    D) on

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