

**PROVISIONAL ANSWER KEY**

Question Paper Code: 14/2015/OL  
 Category Code: 324/2012  
 Exam: Junieur Health Inspector Grade II  
 Medium of Question: English  
 Date of Test: 25-08-2015  
 Alphacode: A

- Question1:-THE WINNER OF WORLD WELTERWEIGHT TITLE OF BOXING IS  
 A:-FLOYD MAYWEATHER JR  
 B:-MANNY PACQUIAO  
 C:-JOHN CENA  
 D:-RANDY ORTAN  
 Correct Answer:- Option-A
- Question2:-FIRST HYDRO ENGINEERING COLLEGE IN INDIA IS SET TO OPEN IN THE STATE OF  
 A:-JHARKHAND  
 B:-UTTARANCHAL  
 C:-HIMACHAL PRADESH  
 D:-GOA  
 Correct Answer:- Option-C
- Question3:-THE STATE AWARDED BEST E PANCHAYATH AWARD OF PANCHAYATHI RAJ DIVAS 2015 BY THE CENTRAL GOVERNMENT IS  
 A:-KERALA  
 B:-ASSAM  
 C:-PASCHIM BANGA  
 D:-TRIPURA  
 Correct Answer:- Option-B
- Question4:-FREE MEDICINE SCHEME NIRMAYA IS RELATED TO THE STATE OF  
 A:-KERALA  
 B:-TAMILNADU  
 C:-MAHARASHTRA  
 D:-ODISHA  
 Correct Answer:- Option-D
- Question5:-THE CHINESE SOCIAL NETWORKING SITE MODELED ON TWITTER IN WHICH PM NARENDRA MODI SIGNED UP RECENTLY  
 A:-CHAT FREE  
 B:-HIKE MESSENGER  
 C:-SINA WEIBO  
 D:-GLUMPSHOIED  
 Correct Answer:- Option-C
- Question6:-THE PSEUDONYM THAT EMS USED TO WRITE WITH WAS  
 A:-ABRAHAM DAVID  
 B:-P S CHERIAN  
 C:-M V MANUEL  
 D:-SIMON PHILIP  
 Correct Answer:- Option-B
- Question7:-THE NEWSPAPER STARTED BY SNDP WAS  
 A:-SANKSHEPA VERDARTHAM  
 B:-JNANODAYAM  
 C:-VIVEKODAYAM  
 D:-JANMARASHTRA  
 Correct Answer:- Option-C
- Question8:-E JOHN JACOB ORGANIZED THE FAMOUS RYOT MOVEMENT NAMED  
 A:-NIRANAM PADA  
 B:-KOZHENCHERRY AGITATION  
 C:-KALLUMALA REVOLT  
 D:-KARIVELOORE REVOLT  
 Correct Answer:- Option-A
- Question9:-WHO IS KNOWN AS THE GANDHI OF KERALA  
 A:-T K MADHAVAN  
 B:-K KELAPPAN  
 C:-SAHODARAN AYYAPPAN  
 D:-C KESAVAN  
 Correct Answer:- Option-B
- Question10:-WHO WROTE GANDHI AND ANARCHY  
 A:-SIR C SANKARAN NAIR  
 B:-VAKKOM MAULAVI  
 C:-A K GOPALAN  
 D:-B R AMBEDKAR  
 Correct Answer:- Option-A
- Question11:-MAHAKALI RIVER AGREEMENT IS BTWEEN INDIA AND  
 A:-PAKISTAN  
 B:-MYANMAR  
 C:-NEPAL  
 D:-BANGLADESH  
 Correct Answer:- Option-C
- Question12:-FIRST MILITARY MONITORING STATION OF INDIA ABROAD IS AT  
 A:-LEBANON  
 B:-SYRIA  
 C:-MADAGASCAR  
 D:-KENYA  
 Correct Answer:- Option-C
- Question13:-SUNAYANA IS AN INDIAN  
 A:-WAR SHIP  
 B:-TANK  
 C:-MISSILE  
 D:-RADAR  
 Correct Answer:- Option-A
- Question14:-THE LIFE DIVINE IS THE WORK OF  
 A:-B G TILAK  
 B:-GURU AUROBINDO  
 C:-MAHATMA GANDHI  
 D:-SUBHASH CHANDRA BOSE  
 Correct Answer:- Option-B
- Question15:-PEOPLE'S POLITICAL FRONT IS THE BRAIN CHILD OF  
 A:-ARUNDHATI ROY  
 B:-ARUNA ROY  
 C:-VANDANA SIVA  
 D:-MEDHA PATKAR  
 Correct Answer:- Option-D
- Question16:-KAMAKHYA TEMPLE NEAR RANGYA IS IN THE STATE OF  
 A:-ASSAM  
 B:-ODISHA  
 C:-GOA  
 D:-KERALA  
 Correct Answer:- Option-A
- Question17:-WHO WAS THE PRIVATE SECRETARY OF GANDHIJI  
 A:-A K MOHANTY  
 B:-N G K MENON  
 C:-M D DESAI  
 D:-G K PILLAI  
 Correct Answer:- Option-C

Question18:-FIRST WOMAN CHIEF ELECTION COMMISSIONER OF INDIA WAS

- A:-NANDINI SATPATI
- B:-NELLI BISWAS
- C:-RAJKUMARI AMRITA KAUR
- D:-V S REMADEVI

Correct Answer:- Option-D

Question19:-KANFED IS AN ORGANIZATION IN KERALA RELATED TO

- A:-CHILD MARRIAGE PREVENTION
- B:-AIDS CONTROL
- C:-DOWRY PROHIBITION
- D:-NON FORMAL EDUCATION

Correct Answer:- Option-D

Question20:-KUDANKULAM POWER PROJECT IS SUPPORTED AND AIDED AS A GESTURE OF GOOD RELATIONSHIP WITH INDIA BY

- A:-RUSSIA
- B:-GERMANY
- C:-BRITAIN
- D:-USA

Correct Answer:- Option-A

Question21:-The temperature at which solid and liquid state of the substance is in thermal equilibrium with each other is called \_\_\_\_\_

- A:-Boiling point
- B:-Latent specific heat
- C:-Melting point
- D:-Convection

Correct Answer:- Option-C

Question22:-pH number of an acid will be \_\_\_\_\_

- A:-less than 7
- B:-equal to 7
- C:-greater than 7
- D:-None of these

Correct Answer:- Option-A

Question23:-Time period of a simple harmonic motion depends on \_\_\_\_\_

- A:-Amplitude of motion
- B:-Energy
- C:-Mass of the pendulum
- D:-Length of the pendulum

Correct Answer:- Option-D

Question24:-Solubility of gases in liquid \_\_\_\_\_ with rise in temperature.

- A:-increases
- B:-decreases
- C:-may increase or decrease
- D:-will not change

Correct Answer:- Option-B

Question25:-Devices such as hydraulic lift and hydraulic brakes are based on \_\_\_\_\_

- A:-Pascal's law
- B:-Hooke's law
- C:-Bernoulli's theorem
- D:-Archimedes principle

Correct Answer:- Option-A

Question26:-Some solid substance when heated changes from solid state to vapor state without passing through liquid state. This phenomenon is \_\_\_\_\_

- A:-Distillation
- B:-Sublimation
- C:-Differential extraction
- D:-Vaporisation

Correct Answer:- Option-B

Question27:-At the transmitter, information contained in the low frequency message signal is superimposed on a high frequency wave which acts as the carrier of the information. This process is called \_\_\_\_\_

- A:-Amplification
- B:-Attenuation
- C:-Modulation
- D:-Transmittance

Correct Answer:- Option-C

Question28:-Two or more compounds that have same chemical formula but different arrangement of atoms are called \_\_\_\_\_

- A:-Isotopes
- B:-Isobars
- C:-Isomers
- D:-Polymers

Correct Answer:- Option-C

Question29:-When three resistances of 5Ω, 10Ω, 20Ω are connected in parallel, the combined resistance will be \_\_\_\_\_

- A:-35Ω
- B:-20Ω
- C:-5Ω
- D:-less than 5Ω

Correct Answer:- Option-D

Question30:-A qualitative measure of the ability of an atom in a chemical compound to attract shared electrons to itself is called \_\_\_\_\_

- A:-Electronegativity
- B:-Molar mass
- C:-Enthalpy
- D:-Entropy

Correct Answer:- Option-A

Question31:-The male anther in plants produce cells with

- A:-haploid number of chromosomes
- B:-diploid number of chromosomes
- C:-polyploid number of chromosomes
- D:-multiple sets of chromosomes

Correct Answer:- Option-A

Question32:-The kind of place, or part of an ecosystem, occupied by an organism is known as its

- A:-niche
- B:-habitat
- C:-biosphere
- D:-biosphere reserve

Correct Answer:- Option-B

Question33:-The exchange of fluid, nutrients, electrolytes, hormones and other substances between the blood and the interstitial fluid is the function of

- A:-arteries
- B:-veins
- C:-lymph vessels
- D:-cappillaries

Correct Answer:- Option-D

Question34:-The functional unit of human kidney is

- A:-neuron
- B:-nephridium
- C:-nephron
- D:-protonephridia

Correct Answer:- Option-C

Question35:-Which of the following does not secrete any hormone?

- A:-ovary
- B:-testis
- C:-pancreas
- D:-spleen

Correct Answer:- Option-D

Question36:-Gregor Johann Mendel was carried out a number of experiments on

- A:-Pisum sativum

- B:-Oryza sativa  
C:-Pisum arvense  
D:-Pisum maritimum  
Correct Answer:- Option-A
- Question37:-The causative microorganism for the human disease cholera is  
A:-virus  
B:-protozoa  
C:-bacteria  
D:-fungi  
Correct Answer:- Option-C
- Question38:-The roots of some plants growing in swampy areas, come out of the ground and grow vertically upwards are called as  
A:-pneumatophores  
B:-prop roots  
C:-stilt roots  
D:-tap roots  
Correct Answer:- Option-A
- Question39:-Archaeopteryx is a connecting link between  
A:-Reptiles and Mammals  
B:-Aves and Reptiles  
C:-Annelids and Arthropods  
D:-Aves and Mammals  
Correct Answer:- Option-B
- Question40:-An endocrine gland functions as a biological clock is  
A:-Pituitary gland  
B:-Thymus gland  
C:-Pineal gland  
D:-Adrenal gland  
Correct Answer:- Option-C
- Question41:-The father of Medicine is .....
- A:-John Snow  
B:-Hippocrates  
C:-Aesculapius  
D:-Francis Peabody  
Correct Answer:- Option-B
- Question42:-Which of the following is not used in calculating Physical Quality of Life Index (PQLI)  
A:-Infant Mortality rate  
B:-Life expectancy at age one  
C:-Literacy  
D:-Per capita Income  
Correct Answer:- Option-D
- Question43:-The age group at which the greatest proportion of maternal mortality occurs is  
A:-15-19 years  
B:-20-24 years  
C:-25-29 years  
D:-30-34 years  
Correct Answer:- Option-B
- Question44:-Maternal mortality ratio of India during 2010-2012 was  
A:-127/100000  
B:-178/100000  
C:-212/100000  
D:-308/100000  
Correct Answer:- Option-B
- Question45:-The concept of Primary Health Care came into limelight in 1978 at a conference held at  
A:-Alma Ata  
B:-Cairo  
C:-Geneva  
D:-New Delhi  
Correct Answer:- Option-A
- Question46:-The classical model of triangle of epidemiology includes all except  
A:-Agent  
B:-Host  
C:-Time  
D:-Environment  
Correct Answer:- Option-C
- Question47:-In the international death certificate the underlying cause of death is recorded in line  
A:-a  
B:-b  
C:-c  
D:-d  
Correct Answer:- Option-C
- Question48:-The prevalence of disease depends on Inciden  
A:-Incidence  
B:-Duration  
C:-Incidence and Duration  
D:-Neither incidence nor duration  
Correct Answer:- Option-C
- Question49:-Which of the following studies can be easily done to identify risk factors  
A:-Cross sectional study  
B:-Case control study  
C:-Cohort study  
D:-Randomised Trials  
Correct Answer:- Option-B
- Question50:-Scabies is an example of a  
A:-Infectious disease  
B:-Communicable disease  
C:-Contagious disease  
D:-Noncommunicable disease  
Correct Answer:- Option-C
- Question51:-An infection that takes the opportunity provided by a defect in the host defence to infect host and hence cause disease is called  
A:-Nosocomial infection  
B:-Opportunistic infection  
C:-Iatrogenic infection  
D:-None  
Correct Answer:- Option-B
- Question52:-A chronic carrier state occurs in  
A:-Typhoid  
B:-Hepatitis B  
C:-Gonorrhoea  
D:-All the listed options  
Correct Answer:- Option-D
- Question53:-Droplet infection is an example of a  
A:-Direct transmission  
B:-Airborne transmission  
C:-Indirect transmission  
D:-Biological transmission  
Correct Answer:- Option-A
- Question54:-Which of the following is an example of a cycledevelopmental type of transmission  
A:-Malaria  
B:-Filaria  
C:-Plague

- D:-Malaria and Filaria  
Correct Answer:- Option-B
- Question55:-The time taken for 50% of cases to occur following exposure is called  
A:-Average incubation period  
B:-Median incubation period  
C:-Generation time  
D:-Communicable period  
Correct Answer:- Option-B
- Question56:-Which of the following is a live vaccine  
A:-BCG  
B:-Rabies  
C:-Hepatitis B  
D:-Tetanus  
Correct Answer:- Option-A
- Question57:-The most heat sensitive vaccine is  
A:-Measles  
B:-Polio  
C:-DPT  
D:-Hepatitis  
Correct Answer:- Option-B
- Question58:-The dose of human antirabies serum is  
A:-10 IU/kg  
B:-20 IU/kg  
C:-30 IU/kg  
D:-40 IU/kg  
Correct Answer:- Option-B
- Question59:-The recommended temperature for storage of vaccines in ILR is  
A:-+2 to +8 degree celsius  
B:-+4 to +8 degree celsius  
C:-15 to -25 degree celsius  
D:-10 to -15 degree celsius  
Correct Answer:- Option-A
- Question60:-The value of handwashing with antiseptic to reduce death from puerperal fever was demonstrated by  
A:-Lister  
B:-Pasteur  
C:-Semmelweis  
D:-Koch  
Correct Answer:- Option-C
- Question61:-The stage of vaccine vial monitor at which vaccine should be discarded is  
A:-Stage 1 and above  
B:-Stage 2 and above  
C:-Stage 3 and above  
D:-Stage 4 and above  
Correct Answer:- Option-C
- Question62:-Disinfection of water by chlorination is an example of  
A:-Concurrent disinfection  
B:-Terminal disinfection  
C:-Precurrent disinfection  
D:-None of the above  
Correct Answer:- Option-C
- Question63:-Dettol belongs to which chemical group of disinfectant  
A:-Halogen  
B:-Phenol  
C:-Quaternary ammonia compound  
D:-Alcohol  
Correct Answer:- Option-B
- Question64:-In order to disinfect sputum, patient may be asked to spit in a sputum cup half filled with 5 %  
A:-Bleaching powder  
B:-Crude Phenol  
C:-Cresol  
D:-Formalin  
Correct Answer:- Option-C
- Question65:-The chemical used for fumigation is  
A:-Formaldehyde  
B:-Potassium Permanganate  
C:-Chlorinated Lime  
D:-Bleaching Powder  
Correct Answer:- Option-A
- Question66:-The incubation period of chicken pox  
A:-2-5 days  
B:-5-10 days  
C:-7-21 days  
D:-21-42 days  
Correct Answer:- Option-C
- Question67:-Subacute sclerosing pan- encephalitis (SSPE) is a complication of  
A:-BCG vaccine  
B:-Polio vaccine  
C:-Pertussis vaccine  
D:-Measles vaccine  
Correct Answer:- Option-D
- Question68:-The formation of a false membrane in the throat is characteristic of  
A:-Diphtheria  
B:-Pertussis  
C:-Meningococcal vaccine  
D:-Measles  
Correct Answer:- Option-A
- Question69:-A 3 month old child presenting with fever , respiratory rate of 60/minute and chest indrawing is classified as having  
A:-No pneumonia  
B:-Pneumonia  
C:-Severe Pneumonia  
D:-Very severe pneumonia  
Correct Answer:- Option-C
- Question70:-The number of sputum samples to be tested to diagnose tuberculosis  
A:-One  
B:-Two  
C:-Three  
D:-Four  
Correct Answer:- Option-B
- Question71:-Any patient treated as Category I Tuberculosis, who has a positive smear at ....months is considered a failure and started on Category II treatment  
A:-2 months  
B:-3 months  
C:-4 months  
D:-5 months  
Correct Answer:- Option-D
- Question72:-.....was formerly known as infectious hepatitis  
A:-Hepatitis A  
B:-Hepatitis B  
C:-Hepatitis C  
D:-Hepatitis E  
Correct Answer:- Option-A

Question73:-.....% of children in the age group of 0-59 months are underweight in India

- A:-20%
- B:-40%
- C:-60%
- D:-80%

Correct Answer:- Option-B

Question74:-Which of the following about zinc supplementation for acute diarrhoea is wrong

- A:-It reduces duration of episode
- B:-It reduces the severity of episode
- C:-It reduces the incidence of diarrhoea in the following 2-3 months
- D:-None of the above

Correct Answer:- Option-D

Question75:-Prophylactic platelet transfusion is recommended in Dengue when the platelet count is below

- A:-10000/ cu mm
- B:-20000/cu mm
- C:-40000/cu mm
- D:-50000/cu mm

Correct Answer:- Option-A

Question76:-The main vector for rural and peri- urban malaria in India is

- A:-Anopheles stephensi
- B:-Anopheles culicifacies
- C:-Anopheles dirus
- D:-Anopheles sudaicus

Correct Answer:- Option-B

Question77:-Which of the following is not used in the treatment of malaria

- A:-Quinine
- B:-Chloroquine
- C:-Primaquine
- D:-Ethambutol

Correct Answer:- Option-D

Question78:-Which of the following drugs is used in mass administration for interruption of transmission of filariasis in India

- A:-Diethyl carbamazine
- B:-chloroquine
- C:-Albendazole
- D:-Ivermectin

Correct Answer:- Option-A

Question79:-.....is a tick borne disease

- A:-scrub typhus
- B:-Kysanur forest disease
- C:-West Nile fever
- D:-Sandfly fever

Correct Answer:- Option-B

Question80:-Te mode of transmission of Q fever is

- A:-Vector borne
- B:-Water borne
- C:-Air borne
- D:-Direct

Correct Answer:- Option-C

Question81:-In stage 2 hypertension the systolic blood pressure is above

- A:-180
- B:-160
- C:-140
- D:-120

Correct Answer:- Option-B

Question82:-Which of the following is not a modifiable risk factor for hypertension

- A:-obesity
- B:-increased salt intake
- C:-physical inactivity
- D:-increasing age

Correct Answer:- Option-D

Question83:-The most common cancer among males in India is

- A:-oral cancer
- B:-Lung cancer
- C:-prostate cancer
- D:-Colo rectal cancer

Correct Answer:- Option-B

Question84:-Insulin resistance syndrome is not characterised by

- A:-hypoglycaemia
- B:-hypertension
- C:-hyperinsulinaemia
- D:-dyslipidaemia

Correct Answer:- Option-A

Question85:-The dose of Vitamin A administered to children above one year according to the Vitamin A prophylaxis programme is

- A:-50000 IU
- B:-100000 IU
- C:-150000 IU
- D:-200000 IU

Correct Answer:- Option-D

Question86:-The national antimalaria programme was renamed as National Vector Borne Disease Control Programme in the year

- A:-1999
- B:-2002
- C:-2005
- D:-2010

Correct Answer:- Option-B

Question87:-The aim of the national leprosy eradication programme of eliminating leprosy is achieved when the case load is

- A:-<1/1000
- B:-<1/10000
- C:-<1/100000
- D:-<1/1000000

Correct Answer:- Option-B

Question88:-The diseases targeted under the vision 2020 in India ; include the following, except

- A:-Refractive errors
- B:-Glaucoma
- C:-diabetic retinopathy
- D:-Oncocerciasis

Correct Answer:- Option-D

Question89:-If a child has not received DPT 1,2,3 according to the schedule in Universal immunisation programme, upto what age can the vaccine be given

- A:-5 years
- B:-6 years
- C:-7 years
- D:-do not give the vaccine

Correct Answer:- Option-C

Question90:-The general norm for selection of ASHA is; one ASHA for a population of

- A:-2000
- B:-1000
- C:-500
- D:-200

Correct Answer:- Option-B

Question91:-The indicator for prevalence of contraceptive use is

- A:-Net reproduction rate

- B:-Pearl index
- C:-Couple protection rate
- D:-General Fertility rate

Correct Answer:- Option-C

Question92:-The advantages of condom are the following except

- A:-Safe and inexpensive
- B:-No side effects
- C:-Does not interfere with sex sensation
- D:-provides protection against sexually transmitted diseases

Correct Answer:- Option-C

Question93:-Babies born before the end of ... weeks is termed preterm

- A:-34 weeks
- B:-37 weeks
- C:-40 weeks
- D:-42 weeks

Correct Answer:- Option-B

Question94:-The denominator in the calculation of still birth rate is

- A:-Live births
- B:-Live births + still births > 1000g
- C:-Mid year female population in the age group of 15-49 years
- D:-None of the above

Correct Answer:- Option-B

Question95:-The sociopersonal development milestone for a child to be achieved by 9-10 months

- A:-smiling at mother
- B:-recognising mother
- C:-increasing range of sounds
- D:-stranger anxiety

Correct Answer:- Option-D

Question96:-The richest source of Vitamin C is

- A:-Amla
- B:-Lime
- C:-Orange
- D:-Tomato

Correct Answer:- Option-A

Question97:-The recommendation of intake of visible fat/day for a sedentary adult man is

- A:-10 g
- B:-15 g
- C:-20 g
- D:-25 g

Correct Answer:- Option-D

Question98:-Which of the following is not a temporary social group

- A:-crowd
- B:-band
- C:-mob
- D:-herd

Correct Answer:- Option-B

Question99:-The orthotolidine arsenite test is used to

- A:-determine free chlorine
- B:-determine combined chlorine
- C:-determine free and combined chlorine together
- D:-determine free and combined chlorine separately

Correct Answer:- Option-D

Question100:-According to rural housing standards cattle shed should be at least ----feet away from dwelling houses

- A:-25
- B:-50
- C:-75
- D:-100

Correct Answer:- Option-A