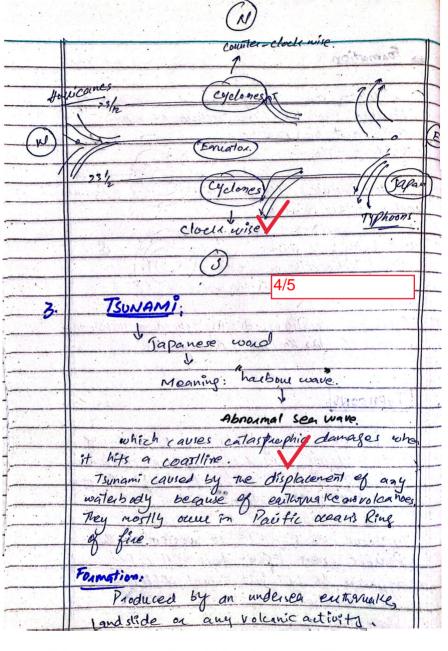
| 28 | /40 | Complete or Service Services | Jan 15 |
|-------|----------------|--------------------------------|--|
| 91315 | GK- | I (GSA) TEST-I | 33209 |
| | | 9 (30) | water water |
| - | | | |
| | | QUESTION NU# 01 | |
| - | . Difference | between Yacci | ne 10 |
| | ANTIB | | |
| | | | |
| - | VACCINE | | |
| | | V | |
| | 69 vaccine i | 's a biological f | reparation |
| t | hat improves i | immunity to a | particular |
| | disease. A | formunity to a vaccine typical | my ragent |
| u | shich is a d | iscase-causing . | nicro-organisa |
| 0 | and often made | from dead o | , weakend |
| 9 | nicrobe, its t | oxins on its su | reface proteins |
| | | ea, kend microbe | |
| : 9 | te body's im | mune system to | recognize |
| | | panism and to | |
| | g body later | in the future | encounter 17. |
| | For evenole | \\\ | The state of the s |
| | ton example | 3.5/5 | |
| | mumps va | ceine, Rubella V | acrine. |
| | | ne, telanus va | |
| | | | |
| 7 | vaccines are | given as a prea | autionacy |
| | measure bef | oce a body e | reounters |
| | | micro-organism | |
| | | may cause mile | |

| | Y | Pa . 1500 |
|------------|--|-----------|
| | Such as someness, where it is given and | |
| | fever, but serious reactions are rate. | |
| | GOD EAPERS. | |
| | of Secretary Comments of the Secretary | |
| 2. | ANTIPOTICS ! | |
| | the section of the se | |
| | Antibiotics; the word derives from (Greek | |
| | anti, "against" and biotac "life"), | |
| | antibiotics are chemical compounds used to | |
| | Will or inhibit growth of infactious arganisms. | -8 |
| | Listaga and the same of the sa | |
| | -> Antibiotics are given to a person effec | |
| | encountering a disease or pathogens. They | |
| | are useful for a wick variety of infections, | |
| | such as batteral, fungal or vival infection | - |
| | T. 1 CASTONE - 120075A) 1 "T | |
| | Example: Pencillin, cephalospaxin etc. | |
| - | A Course des mindifferentes en se Montres A | - |
| b) | DIFFERENCE | |
| | 2 8 2 a ho 2 11 horses " Charletter " 11 (11 horses " 1 m co | 1 |
| - | VACCINE ANTIBOTICS | |
| - | | - |
| - | V improves immunity v inhibit growth of | |
| - | panogens. | |
| | 2 may 3 m 3 m 3 m 9 m 9 m 1 m 1 m | |
| | V Imagine, weakened, v Chemical compounds | |
| | dead microbes one are used in preparation | |
| - | used in preparation. | , |
| | the state of the state south | |
| 11 | V can be provided in v can be provided to in the | |

| to | e form of injections | form of tablets pills, |
|-----|----------------------------|---|
| | y or work | Projections. |
| | SIDE EFFECTS. | |
| 1 | Someness, fere | dianhoeal, abdomin |
| | V - 1 to a second | poin, feeling siche, |
| | | loss of appetite. |
| | place of the state | Anthorst Tell The well of the |
| 1 | 15 / Salu 3 | enth town times in the |
| 1 | sands State of States Open | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |
| • | Differentiate : | |
| | | |
| | Cycl | ONE CONTRACTOR OF THE PROPERTY OF |
| | - TSUN | |
| | - TYPH | oons |
| , | Kalan Karaharan I | 27.00 |
| | 1. CYCLONE : | |
| | elegistic elegistic | Burry by: Paper West 1999 |
| | | rially called as 66 Monste |
| | from the tagpic | , which is a large |
| | seale closed a | realition of system in |
| | | inbining low pressure and |
| | strong wind the | t notates counter clock |
| | | hemisphere and coun'clack |
| 100 | wise in Southern | |
| | | a " low pressure system |
| | which fams in | tropical regions 9+ 15 |
| | | g stom forms over |
| | | it loses its strength |
| 1.1 | while moving town | |
| | will crain of the | and work the same of the same |

| | * Formation | |
|-----------|--|--------|
| | | |
| | Cyclones are usually formed because of | 12 |
| | Pressure variation (You pressure 9+ the | |
| 3 | centre and high pressure. N. | |
| | outside the storm. | |
| | centre ((G) > High | |
| 0 | | |
| | region occurs because | |
| | the sun hests the early | |
| | unequality, it shine | |
| | almost directly near the | |
| | exuator, heating this region | |
| | more. | 3: |
| D | Cyclones froduce usually produce sustained | - |
| | winds of 120 km/ha and gaster. | |
| | | |
| | | Yes in |
| a. | TYPHOONS | |
| | Pentropal Series | |
| | Typhoons and cyclones are the names of | |
| | Same storms caused by pressure difference | |
| | basically may are same. The only differen | |
| . 4 | is in their 66 Location? | |
| | The second of th | |
| 0 | Typhoons are stowns in the western worth | |
| | Paintic, new Japan. There they called | |
| | typhoons. So, it is just lingual difference | |
| | and location. | |



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| | Au ticana at Total est to | |
|-----|--|---|
| - | on by conshing of any asterior into the | |
| - | ocean. All of these activities cause a | |
| | Set of waves in ocean which could be | |
| | 30 meters high and can travel 100-300 | |
| | um in the ocean. | |
| | These waves when touch coastline cause | |
| | disasterouse Gooding. | |
| | The trades the state of the sta | |
| | | |
| | | |
| | DRM: Legisland S. | |
| | | |
| | Disaster lisk Managment | |
| | | |
| | Disaster lisk management can be defined | |
| | Disaste lisk management can be defined as organized and management way of | |
| | management of resources and responsibilition | |
| | for dealing with disaster, such as floors, | |
| | earthorugices, Trunamis, cyclones, Avalanche, | |
| - 1 | fines etc. | |
| | And the sale live and the sale discourse | |
| 7 | Disaster managnent is a series of four | |
| - | phases, such as | |
| | | |
| - | - Miligation | + |
| - | Preparadness (planning) | |
| | ~ Response (Adion) | |
| 4 | Recovery | |
| - | | |
| | All these stages go. In a cycle, often | |

| overlap and | severity of disaster determi |
|----------------|--|
| the length a | severity of disasta determined duestion of each stage. |
| SA WALKS A | 0 |
| 1. Mitigation | CA CARL MAJOR CAR BUSTON |
| | The state of the s |
| Pae-olisa | atter mitigation exports such |
| as general | ing building codes, dear |
| territories; | preventive health care, |
| Public aw | meness about disaster |
| | |
| 2. Prepuedines | 3.5/5 |
| | |
| This include | des educations outreachings |
| training of | masses and emergency: |
| manageme | nt planning, waining |
| systems, | resource maragements |
| emergency | Personnel lists, etc. |
| Nissa CR | |
| 3. Response | |
| | |
| Immediate | reaction of any disastes is |
| The response | e which includes provide uf |
| Primediate | assistance, repairs of danage |
| of Patrastruit | tue, heathcare plans and |
| strategies i | n hospitals, supply of |
| inuedigte. | greilities etc. |
| | VVO. |
| | |
| | |

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4. Recovery. Recovery includes post-disattrous recovery plans. For example, reconstruction Restanction of intrastructure, ongoing develop. ment activities CYCLE Preparedness DRMCHAMINATION Reconstruct saving perple Provide Probaghales assistance Note: unfail unately (2005-Oct)'s obsailious earth rug ke showed our country's vulner. of having no such of Jevent and systematic disaster

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3/5 Define "GALAXY" 4 galaxy is a gravitational bound system of stais, planets, moons, stellar objects, comets, neteorites, stellar remanants and daily matter. ORIGIN galaxy word is decived from Breek road "Galaxias" which means According to astronomers, in the universe There are around 200-300 billion galaxies Examples neighbour Andromeda are examples of galaxy. Characlesistics & Balaxy. 17 V Galaxies range in size from dwarf to giants includes tailions of stars. - Allording to galaxy's may hology, they are categorized as elliptical, spinal, inegular. ou milky way is a large disc-shaped galaxy with a bulge ? its centro I Galaxy's have black holes as The SI active certies, which are grivitational

field with an ability to let nothing enter in it, not even light. Ou spiral galaxy is about B.7 bilion years old and it has figur aims I.e. pusues Arm, sagittains Alm, centamus aim and cygnus Arm. The region occupied by our milley way galaxy is called Galactic plane. Our solar system is found in for chuter of three closens galaries which is called local group.

GOOD & BAD FATS lipids are naturally occurring organic compounds known as oils and fats. They Provide 91 calories energy Per Snow. Classification lipids are classified into saturated, trans and unsaturated fats. Good Fals Vs Bad Fa Good fats one & Bood fats are so tid livuid at room at room terperitur temperature Souge : obtained from I Souge : obtained from animals foods, such as plant's in the milk, cheese, nest, form of oils, such Poultry, fish, led nest as canola, olive Visood fats connot - Raise cholesteel raise cholesteral level

| V | Monounsaturated . Processed food, | |
|-----|--|----------|
| | fats and polyunsaturated Coories, Crackees | 4. |
| 1 | are types of good butter, make | Marie Co |
| | fais: margaine, cakes | |
| | Avacado; vegetable oil, etc. | |
| . ' | nuts sunflower oil, | |
| | Coin oils, loyabeanetes of the mile po | |
| | da Mashir | |
| | | |
| | D Whenly B. a whosty D | |
| B. | 5 Uses & following: | |
| | with the first of the South & Still | |
| _ (| 2. Vitamin D. Pthab fast of low | |
| | 1,9123-13 useful fort search pur bus | , . |
| | v calcium absorption in body. | |
| | v bone faintion. | - |
| | To treat favoid rickets (bone defoura | - |
| | tion) | <u></u> |
| | Tootheat softening of bones | 3. |
| | (osteomalacia) | |
| _ | That Paper William 15 Vor Hood Harring h | |
| | D. Vitamin B(Conplex) | |
| - | Stongthing or hercon, | |
| | for carbohydiste metabolica (B) | |
| - | for the growth of hairs nails (By) | |
| - | / collular respiration (B2) | |
| | Energy metabolism (BS) | |
| _ | Nucleic and Prochetion B | |
| | to treat anachier, talique, 1051 | |

| | Da Monson | ~ |
|----------------|--|-----|
| 2.0 | that and Poly commented Cookies Checkens | - |
| | Inon is used for the faintion of | - |
| | Haemoglobin on blood and for | - |
| | notabolism. Thom is very useful | - |
| | to treat anaemia Counich is caused. | - |
| | by iron defociones) | |
| | 0 | |
| | | |
| | U Vitamin E 4/5 | |
| | S USES EX X011 00 MIR. | . 5 |
| | Vitamin E is an antioxidant, 9t is | |
| Santa and St. | used to treat sleility sandeminis . | |
| | and any damage to noting of theye. | |
| | wheel or ringues do invited in | |
| elegical de la | West of the second second second | |
| | To be a life of white property and | |
| | Wash. | |
| 3. | FOOD PRESERVATION METHOD | Ħ. |
| | Control of the Contro | T |
| | Food Prosesvation is/a method through | |
| | which food is kept from spoilage after. | T |
| | Slaughter or harvest. | |
| | There are plenty of wethods to Preserve | |
| | food. | |
| | | |
| | Some old nethods are. | 1 |
| | Drying | - |
| | salted products storage | + |
| | V refrigeration | - |
| | v fernantation | - |

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| # 1 | V Modern Methods. Nasimons | 2 |
|-------|---|-------|
| 5 | 3.5/5 | |
| | v Carning | |
| | Pasteusization | |
| | de d'air en frezing | |
| | v addition exchemicals | |
| | 1 Bang porter of 12. The ser always of the distribution | |
| 1 | Daying Troops the Man of Man of the | |
| | In this method. | |
| | Food is died to avoid nicroenganism | |
| | because growth of microarganism is | |
| | usually possible due to water content. | |
| | Preceface, water is is maved. | · 19. |
| | Especial . | |
| ۵. | Freezing. | |
| illo. | Bolow for apple the real of the Party and | |
| | Most of the bacterial yearst, pathogens | |
| | grow best in warm teap (6-382). However, | |
| . The | below temperature 100, the growth 19th | |
| | is slow. Therefore, food is from | |
| | below 10°c to avoid bacterias. | n in |
| | Types. | |
| 3. | Jugar & Salt, | |
| | The Very market was the second | |
| | Preservation through applying sugar and | |
| | Salt is one of conventional mentions, of | |
| | food prosavathar. In this notwod, food | |
| | is Preserved by placing them in sugar | |
| | Syrup on sait brine to Thhibit butera | |
| 1 | growth. | |

| 4. | Chemicals Marton moloom | ' |
|------|--|-----|
| | food is also presented by putting them | |
| | in chemicals which are permitted to | |
| | use in food preservation, such 93 | - |
| 1000 | sulfu dioxide sonbic acid, rodium | |
| | benzoate etc. These chemicals have | |
| | properties to inhibit groute of them | - |
| | nicrosifanisms. | |
| | the state of the s | |
| | La company of the second of th | |
| | restrict restriction of the same restriction of the restriction | |
| 4. | Food Adultection, Types, solution, effects. | |
| | effect. | |
| | I Faces Sax | |
| | 66 Food adutecation is an intentional act of | 1 |
| | debasing food ruality by adding | |
| | additives either by admixture or by | |
| | substraction on by removal of impartment | |
| | valuable ingredients 99. | |
| | | 1 |
| | Types. | |
| | V Poisonous / deleterious substance | *** |
| / | Fith Foreign watter | |
| | 하다 하다는 것이 없다면 하다면 하다 하나 하나 하나 하는 것이 없는 것이 없는데 하나 없다면 하다 하다 하다면 하다니다. 그런데 바다를 하다니다. | - |
| | | - |
| | Microbiological adulteration | - |
| | Incidental contamuetto | |
| | | - |
| | Both of the state of the second of the | |

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| | Effects. | |
|---|--|---|
| | | |
| | - Hearth sissues. | |
| | - diseases, cancer, eye dicease, | - |
| | heart direase. | |
| | - Gastic Issues | |
| | | |
| | | |
| | Solution | |
| | | |
| | · Government regulation and set standards. | _ |
| | | |
| | V Government must nake agoncies concerning | |
| | vuolity inspection and Inbelling of | |
| | Specific food ingredients. | |
| | • | |
| | V Nutritional labelling eg foed. | |
| | | |
| | by the avality of ingradients used. | |
| | by the availty of ingredients used. | |
| | | |
| 1 | I basic and advance research in | |
| | this field to inprove food Production | |
| 1 | and economic value so that | I |
| 1 | no one opt adutecation | 1 |
| 1 | | # |
| + | | 1 |
| + | 0.5/5 | + |
| + | 3.5/5 | 1 |