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**Enrolment No:** 



Semester: II

## UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, July 2020

**Course:** Safety in Drilling (HSFS 7008)

Program: M.Tech HSE & M.Tech HSE Spl in DM

Time: 03 hrs. Max. Marks: 100

Instructions: Please read all the questions before giving answers

|    | QUESTIONS  | OPTIONS             |                    |                     |           |
|----|--|---------------------|--------------------|---------------------|-----------|
|    |  |                     |                    |                     | d) None   |
|    | Theis an important part of the rotary drilling             |                     | b) Bottom-hole     | c) Differential     | of the    |
| 1  | system.  | a) Drillstring      | pressure           | pressure            | above     |
|    |  |                     |                    |                     | d) None   |
|    |  |                     |                    |                     | of the    |
| 2  | The drillstring is sometimes also called.                  | a) Drillstem        | b) Drill weight    | c) Drill pressure   | above     |
|    |  |                     |                    |                     | d) None   |
|    | is a connection between the rig and the drill              |                     |                    |                     | of the    |
| 3  | bit.   | a) Drillstring      | b) Drilling fluid  | c) Drill line       | above     |
|    |  |                     |                    |                     | d) None   |
|    | The drill bit is attached to the drill collars by means of |                     |                    |                     | of the    |
| 4  | a.   | a) Bit sub          | b) Bit hub         | c) Bit tool         | above     |
|    |  |                     |                    |                     | d) None   |
|    |  |                     |                    |                     | of the    |
| 5  | Drillstring provides .                                     | a) Weight on rock   | b) Weight on bit   | c) Weight on mud    | above     |
|    |  |                     |                    |                     | d) None   |
|    |  |                     |                    |                     | of the    |
| 6  | The drilling mud is circulated inside the .                | a) Drillstring      | b) Drill line      | c) Drill crew       | above     |
|    |  |                     |                    |                     | d) None   |
|    | are placed above the bit to control the direction in       |                     |                    |                     | of the    |
| 7  | which the drill bit penetrates the formation.              | a) Stabilizers      | b) Kelly           | c) Drill collars    | above     |
|    |  |                     |                    |                     | d) None   |
|    |  |                     |                    |                     | of the    |
| 8  | Kelly fit into the device called .                         | a) Kelly bushing    | b) Kelly pushing   | c) Kelly fitting    | above     |
|    | Kelly bushing then fits into the which is mounted on       |                     |                    |                     | d) All of |
| 9  | the rotary table.  | a) Master bushing   | b) Master kelly    | c) Master swivel    | the above |
|    |  | a) Transmit         |                    |                     |           |
| ١. |  | rotation and        | b) Carry the total |                     | d) None   |
| 1  |  | weight to the drill | weight of the      |                     | of the    |
| 0  | Which of the following is a function of kelly?             | bit                 | drillstring        | c) A & B            | above     |
| 1. |  |                     |                    |                     | d) None   |
| 1  | At the one end of the drillpipe there is the box, which    |                     | 1                  |                     | of the    |
| 1  | has the .  | a) Female threads   | b) Male threads    | c) Circular threads | above     |
| ١. |  |                     |                    |                     | d) None   |
| 1  | At the one end of the drillpipe there is the pin, which    |                     | <b>.</b>           |                     | of the    |
| 2  | has the .  | a) Female threads   | b) Male threads    | c) Circular threads | above     |

| I   |  |                             | 1                           | 1                             | d) None                |
|-----|--|-----------------------------|-----------------------------|-------------------------------|------------------------|
| 1   | Heavy wall drillpipe has a wall thicknessthan          |                             |                             |                               | of the                 |
| 3   | ordinary drillpipe.                                    | a) Greater                  | b) Smaller                  | c) Too high                   | above                  |
|     |  | a) To reduce                |                             |                               |                        |
| 1   |  | failures at                 | b) To reduce                | c) To reduce                  | d) All of              |
| 4   | Major functions of heavy wall drillpipe are            | transition zone             | downhole torque             | differential sticking         | the above              |
|     |  |                             |                             |                               | d) None                |
| 1   | is the component of the drillstring located            | \ DIII A                    | 1) WOD                      | \ D ''''   C  '               | of the                 |
| 5   | directly above the drill bit and below the drillpipe.  | a) BHA                      | b) WOB                      | c) Drilling fluid             | above                  |
|     |  |                             |                             |                               | d) None                |
| 1   | The minimum and of the DIIA is the                     | -) C4-1:1:                  | b) D.:1111                  | -) D.:!!!:                    | of the                 |
| 6   | The primary component of the BHA is the .              | a) Stabilizers              | b) Drill collars            | c) Drillpipes                 | above                  |
| 1 7 | is used between the drillstains and drill college      | a) Crassavian sub           | h) Chook ouh                | a) Dit aub                    | d) All of<br>the above |
| 1   | is used between the drillstring and drill collars.     | a) Crossover sub            | b) Shock sub                | c) Bit sub                    | the above              |
| 8   | Kally is always positioned at                          | a) The top of drill collars | b) The top of the drillpipe | c) The top of the drillstring | d) b and c             |
| 0   | Kelly is always positioned at                          | a) Suspend the              | b) Suspend the              | c) Suspend the                | u) b and c             |
| 1   |  | drillstring in the          | drillstring in the          | drillstring in the            | d) All of              |
| 9   | What is the primary function of the slips              | rotary table                | hook while drilling         | TDS while drilling            | the above              |
| 2   | what is the primary function of the stips              | Totaly table                | nook winte utilling         | 1D3 winte drining             | d) None                |
| 2   | The cementing process involves mixing powder cement    |                             |                             |                               | of the                 |
| 0   | with water and some additives to prepare.              | a) Drilling fluid           | b) Cement slurry            | c) Brine solution             | above                  |
| -   | with water and some additives to prepare.              | u) Dinning maid             | b) coment starry            | c) Brine solution             | d) None                |
| 2   | The cementing process is performed after the           |                             |                             |                               | of the                 |
| 1   | have been run in the wellbore.                         | a) Casing strings           | b) Drilling fluid           | c) Drillpipe                  | above                  |
|     | mare oven run in the wender                            | u) cusing surings           | o) 2111111g 11414           | o) Dimpipe                    | d) None                |
| 2   | is used most commonly to shut off water influx         |                             |                             |                               | of the                 |
| 2   | permanently into the well during the production phase. | a) Packers                  | b) Cementing                | c) Drillpipe                  | above                  |
|     | is the process of injecting cement into a confined     | .,                          | 2, 22 2 8                   | 7 11                          | d) None                |
| 2   | zone behind the casing such as casing leaks and flow   |                             | b) Cementing liner          | c) Squeeze                    | of the                 |
| 3   | channels in formations.                                | a) Sidetracking             | strings                     | cementing                     | above                  |
|     |  |                             | Ü                           | Ŭ                             | d) None                |
| 2   | is a remedial job required to repair faulty primary    | a) Squeeze                  |                             | c) Cementing liner            | of the                 |
| 4   | cementing at a later age of well life.                 | cementing                   | b) Sidetracking             | strings                       | above                  |
|     | -  |                             |                             |                               | d) None                |
| 2   |  | a) Production               | b) Intermediate             |                               | of the                 |
| 5   | is always cemented to surface.                         | casing                      | casing                      | c) Conductor pipe             | above                  |
|     |  |                             |                             |                               | d) None                |
| 2   | occurs when the water in the cement slurry leaves      | a) Compressive              |                             |                               | of the                 |
| 6   | it and invades the permeable formation.                | strength                    | b) Fluid loss               | c) Thickening time            | above                  |
| 2   | Which of the following is not a component of oil well  |                             | b) Chemical                 |                               |                        |
| 7   | cement?  | a) Cement powder            | additives                   | c) Water                      | d) Gravel              |
| 2   |  | a) After drilling           | b) After running            | c) After installing           | d) All of              |
| 8   | Cementing process can be performed                     | the hole                    | the casing string           | the well head                 | the above              |
| 2   |  | a) Wellbore                 |                             | c) Type of                    | d) All of              |
| 9   | Successful cement design depends mainly on             | geometry                    | b) Well depth               | formation fluid               | the above              |
|     |  |                             | b) Protect surface          |                               |                        |
|     |  |                             | water aquifers              |                               |                        |
| 3   |  | a) Protect casing           | from                        | c) Eliminate                  | d) All of              |
| 0   | Which of the following is the major cement objectives? | from corrosion              | contamination               | shallow gas kicks             | the above              |
| _   |  | a) In the annulus           | b) In certain               | c) Inside the casing          | d) None                |
| 3   |  | between well and            | cement plugs                | from bottom to the            | of the                 |
| 1   | To abandon the well, cement should be set              | casing                      | inside the casing           | top of the well               | above                  |
| 3   | Oil well cementing can be used in many applications    |                             | b) Well                     | c) Shut off water             | d) All of              |
| 2   | such as  | a) Side tracking            | abandonment                 | zones                         | the above              |
| 3   | Squeeze cementing is normally used to solve problems   | a) Unconsolidated           | b) High initial             |                               | d) All of              |
| 3   | such as  | formations                  | water saturation            | c) Casing leaks               | the above              |
| _   |  |                             |                             |                               | g)                     |
| 3 4 | William is not a sound of Color 11 of 11 of            | -) Di-1                     | h) C11 1                    | -) D -4 ( 1.1                 | Drilling               |
|     | Which one is not a component of the cable tool rig?    | a) Derrick                  | b) Crown block              | c) Rotary table               | cable                  |

| 3      |  |                         |                          |   | d) Drill           |
|--------|--|-------------------------|--------------------------|---|--------------------|
| 5      | Which one is not a basic component of the rotary rig?  | a) Kelly                | b) Annulus               | c) Rotary table                         | pipe<br>d)         |
| 6      | In rotary drilling, drill cuttings are removed by  | a) Drilling mud         | b) Bailer                | c) Water                                | Acidizing          |
| 3      | Which one is responsible for transmitting power to   | a) Hoisting             |                          | c) Circulating                          | d) Rotary          |
| 7      | other rig systems?   | system                  | b) Power system          | system                                  | system             |
| 3      | Which one of the following is responsible for lowering or lifting the drillstring, casing string in and out of the | a) Hoisting             |                          | c) Circulating                          | d) Rotary          |
| 8      | hole?  | system                  | b) Power system          | system                                  | system             |
| 3      |  | a) Hoisting             | -                        | c) Circulating                          | d) All of          |
| 9      | Which one is a part of rotary drilling system?   | system                  | b) Power system          | system                                  | the above          |
| 4      | Which one is not a component of power system of  |                         |                          |   | d)<br>Drilling     |
| 0      | drilling rig?  | a) Drawworks            | b) Mud pumps             | c) Rotary table                         | line               |
|        |  | ,                       | , , ,                    | ,                                       | d)                 |
| 4      | The steel structure part of rig which provides vertical  | \ D : 1                 | 1) D                     | \ C                                     | Traveling          |
| 1      | height required to raise pipe sections is  | a) Derrick              | b) Draw works            | c) Crown block                          | block<br>d)        |
| 4      | The total derrick load is not distributed equally over all   |                         |                          |   | Traveling          |
| 2      | four derrick legs due to the placement of  | a) Drilling line        | b) Draw works            | c) Crown block                          | block              |
| 4      | A parameter used to evaluate various drilling line   | \D                      | b) Derrick               | \                                       | d) Wind            |
| 3      | arrangements is  | a) Derrick load         | efficiency               | c) Hook load                            | load<br>d)         |
|        |  |                         |                          |   | Fastline           |
| 4      | Crown block, traveling block and drilling line are   |                         |                          |   | and                |
| 4      | components of  | a) Hook and load        | b) Block and tackle      | c) Block and load                       | deadline           |
| 4      |  | a) The traveling        |                          |   | d)<br>Drilling     |
| 5      | The hook load is completely carried over by  | block                   | b) Crown block           | c) Block and tackle                     | line               |
| 4      | The load imposed on the drawworks is equal to  |                         |                          | ,                                       |                    |
| 6      | the in the fast line.  | a) Tension              | b) Compression           | c) Friction                             | d) Shear           |
| 4<br>7 | The main function of drilling fluid is   | a) Remove cuttings      | b) Formation of mud cake | c) Cools the bit                        | d) All of<br>above |
| 4      | The main function of drining fluid is  | cuttings                | b) Water-based           | c) Invert oil                           | d) All of          |
| 8      | Following is a type of drilling fluid  | a) Oil-based mud        | mud                      | emulsion                                | above              |
| 4      | WILL   | , 5                     | 15.75                    | \ <u></u>                               | d) All of          |
| 9      | Which one is a part of mud-cleaning process?   | a) Desander             | b) Desilter              | c) Degasser                             | the above d)       |
| 5      | The rotary system includes all of the equipment, which   |                         |                          |   | Derrick            |
| 0      | is used to attain  | a) Weight on bit        | b) Bit rotation          | c) Drill string load                    | load               |
| 5      | Which one is not the basic component of the power  |                         |                          |   | d) Mud             |
| 1      | system?  A mechanical device that suspends the weight of the   | a) Rotary table         | b) Block and tackle      | c) Draw works                           | pump               |
|        | drill pipe, provides for the rotation of the drill pipe  |                         |                          |   |                    |
|        | beneath it while keeping the upper portion stationary,   |                         |                          |   |                    |
| 5      | and permits the flow of drilling mud from the standpipe  | ) IZ II                 | 1) D                     | \                                       | d) Drill           |
| 5      | without leaking is named as  Which one is not the basic component of the hoisting                                  | a) Kelly a) Derrick and | b) Rotary table          | c) Swivel                               | Pipe<br>d) Mud     |
| 3      | system?  | substructure            | b) Block and tackle      | c) Draw works                           | Pump               |
| 5      | •  |                         | ,                        | ,                                       | d) Drill           |
| 4      | Which one is not associated with the rotary system?  | a) Kelly                | b) Annulus               | c) Rotary Table                         | Pipe               |
| 5<br>5 | Which of the following component connects most of the hoisting system components together?                         | a) Crown block          | b) Traveling block       | c) Drilling line                        | d)<br>Elevator     |
| )      | the noising system components together:  | a) CIOWII DIUCK         | o) Haveing block         | c, Dinning line                         | d) None            |
| 5      |  | a) Pulling              | b) Running               | c) Suspending the                       | of the             |
| 6      | Maximum hook load occurred while   | drillstring up          | drillstring down         | string                                  | above              |
| 5      | Which one of the following components is not the part  |                         |                          |   | d)<br>Drawwor      |
| 7      | of block and tackle?   | a) Crown block          | b) Traveling block       | c) Drilling line                        | ks                 |
|        |  |                         |                          | . , , , , , , , , , , , , , , , , , , , |                    |

| 1 1 |  | a) Perform a                            |                      | c) Inspect all the   |           |
|-----|--|---|----------------------|----------------------|-----------|
| 5   | To maintain the drilling line, which one of the          | specified cut and                       | b) Change all the    | drilling line after  | d) All of |
| 8   | following actions should be done frequently?             | slip program                            | drilling line        | each well drilled    | the above |
|     | 3  | 11 -8                                   |                      |                      | d) None   |
| 5   | The first equipment to remove drill cuttings from the    |   |                      |                      | of the    |
| 9   | drilling mud is the                                      | a) Desander                             | b) Desilter          | c) Degasser          | above     |
|     | 6  |   | b) After running     | ,                    | d) None   |
| 6   | A decision to run the production casing for exploration  | a) After complete                       | and evaluating       | c) Before drilling   | of the    |
| 0   | wells should be made directly                            | drilling                                | logging tests        | the well             | above     |
|     | Wells should be made directly                            | Giiiing                                 | b) Formation is      | the west             | 400,0     |
| 6   |  |   | strong and           | c) Formation fluid   | d) All of |
| 1   | In which situations open hole completion is preferred?   | a) Pay zone is thin                     | consolidated         | is gas               | the above |
|     | in which steadtons open hore completion is preferred.    | u) I uj zone is timi                    | Compondated          | c) Easy to isolate   | the above |
| 6   |  | a) Decrease                             | b) No need for       | any portion of the   | d) All of |
| 2   | What is the main advantage of open hole completion?      | formation damage                        | well cleanout        | pay zone             | the above |
|     | what is the main advantage of open note completion.      | a) Cannot be                            | b) Selective         | c) Rig time is       | d) None   |
| 6   | What is the main disadvantage of open hole               | converted to liner                      | stimulation is       | greater than other   | of the    |
| 3   | completion?  | perforation                             | difficult            | •                    | above     |
| 3   | completion:  | a) Protect casing                       | difficult            | types                | d) None   |
| 6   |  | from formation                          | b) Isolata damasa 1  | c) Provide selective | of the    |
|     | All of the following are the functions of median-        |   | b) Isolate damaged   | ,                    |           |
| 4   | All of the following are the functions of packers except | fluids                                  | areas                | production           | above     |
| 6   | Which of the following equipment is used to control      | -) Cl- :: :                             | b) Downhole          | c) Surface safety    | d) All of |
| 5   | well pressures?  | a) Christmas tree                       | safety valve         | valve                | the above |
|     |  | a) Add anti-                            |                      |                      |           |
|     |  | corrosion                               |                      |                      |           |
| 6   | What is the best way of preventing well casings from     | additives in the                        | b) Install tubing    | c) Use anti-         | d) All of |
| 6   | corrosion?   | casing fluids                           | string with packer   | corrosion coating    | the above |
| 6   | All of the following are main objectives of well         | a) Maximum                              | b) Identifying the   |                      | d) Safe   |
| 7   | completion except:                                       | recovery                                | pay-zone             | c) Less cost         | operation |
|     |  |   |                      | c) Increase          | d) None   |
| 6   | 50. If a zone in a well produces gas as a result of gas  | a) Shut off that                        | b) Produce above     | production to get    | of the    |
| 8   | conning, what should be the temporary solution?          | zone                                    | critical flow rate   | more oil             | above     |
|     |  |   |                      |                      | d) None   |
| 6   | Well control means assurance of formation fluids that    |   |                      |                      | of the    |
| 9   | does not flow in an way.                                 | a) Uncontrolled                         | b) Controlled        | c) Semi-controlled   | above     |
|     |  |   |                      |                      | d) None   |
| 7   | An unexpected entry of formation fluids into the         |   |                      |                      | of the    |
| 0   | wellbore is known as                                     | a) Punch                                | b) Kick              | c) Tension           | above     |
|     | Technology used to control the fluid invasion and to     |   | b) Reservoir         |                      | d) None   |
| 7   | maintain a balance between borehole pressure and         | a) Well control                         | management           | c) Well engineering  | of the    |
| 1   | formation pressure is known as                           | system                                  | system               | system               | above     |
|     |  |   |                      |                      | e) None   |
| 7   | Which of the following is not an option in well control  |   | b) Close the well at | c) Remove            | of the    |
| 2   | system?  | a) Detect a kick                        | surface              | formation fluid      | above     |
|     |  |   |                      |                      | d) None   |
| 7   | The first line of defense in well control is to have     |   | b) Formation         | c) Abnormal          | of the    |
| 3   | sufficient pressure in the wellbore.                     | a) Drilling fluid                       | pressure             | pressure             | above     |
|     | 1  | , |                      |                      | d) None   |
| 7   | If the formation pressure is greater than the mud        |   |                      |                      | of the    |
| 4   | pressure, there is the possibility to have a .           | a) Oil                                  | b) Kick              | c) Gas               | above     |
|     | positioning to majora.                                   |   | .,                   | .,                   | d) None   |
| 7   |  |   |                      |                      | of the    |
| 5   | Equipment used to control blowouts is                    | a) BOPs                                 | b) WOB               | c) Drilling rig      | above     |
|     | Equipment used to control blowouts is                    | u, DOI 5                                | 0) 11 OB             | c, Dinnig iig        | d) None   |
| 7   | BOPs are referred to as the component of well control    |   |                      |                      | of the    |
| 6   | *  | a) Active                               | b) Passive           | c) Auxiliary         | above     |
| U   | system.  | a) ACUVE                                | U) I assive          | C) MUNITIALY         | d) None   |
| 7   |  |   |                      |                      | of the    |
|     | Vick occurs due to the processes                         | a) Transition                           | b) Ralanca           | a) Imbalance         | above     |
| 7   | Kick occurs due to the pressure.                         |   | b) Balance           | c) Imbalance         |           |
|     | Which of the following government in the 1-              | a) Low mud                              | b) I ov. fl: 111     | a) I agt air1-ti     | d) All of |
| 8   | Which of the following causes pressure imbalance?        | density                                 | b) Low fluid level   | c) Lost circulation  | the above |

|   | Theof the well at all times must remain above                |                      |                      |                     | d) None            |
|---|--|----------------------|----------------------|---------------------|--------------------|
| 7 | the pore pressure of the formation to prevent additional     | a) Bottom-hole       |                      |                     | of the             |
| 9 | influx of the formation fluids.                              | pressure             | b) Drilling mud      | c) Lost circulation | above              |
|   |  |                      |                      |                     | d) None            |
| 8 | The most recent well control principle developed as          |                      | b) Secondary         |                     | of the             |
| 0 | blowout prevention is  | a) Primary control   | control              | c) Tertiary control | above              |
| 8 |  |                      | b) Secondary         |                     | d) All of          |
| 1 | Which of the following is a well control principle?          | a) Primary control   | control              | c) Tertiary control | the above          |
|   | Which of the following well control principles is            |                      | 1) 0 1               |                     | d) None            |
| 8 | defined as the control by confirming that the borehole       | a) Deimony control   | b) Secondary         | a) Tautiany aantual | of the             |
| 8 | pressure is greater than the formation pressure?             | a) Primary control   | control b) Secondary | c) Tertiary control | above<br>d) All of |
| 3 | The pit gain indicates that the over the well has been lost. | a) Primary control   | control              | c) Tertiary control | the above          |
| 3 | iost.  | a) Stop the flow     | Collifor             | c) Ternary control  | the above          |
| 8 |  | of unexpected        | b) Safely discharge  | c) Prevent further  | d) All of          |
| 4 | Purpose of secondary control is to                           | fluids               | the influx           | influx              | the above          |
| - | 1 urpose of secondary control is to                          | Tiulus               | b) Changes in the    | IIIIux              | the above          |
| 8 |  |                      | drilling mud         |                     | d) All of          |
| 5 | Pulling the drillstring too fast can cause                   | a) Lost circulation  | properties           | c) Swabbing         | the above          |
|   | r uning the diffishing too fast can eause                    | u) Lost enculation   | properties           | c) Pressure due to  | d) None            |
| 8 | All of the following are the reasons of lost circulation     | a) Running the       | b) High mud          | annular circulating | of the             |
| 6 | except   | drillstring too fast | weight               | frictions           | above              |
|   |  | difficulty too hast  | ,, ergin             | III                 | Master             |
|   |  |                      |                      |                     | Security           |
| 8 |  | Mass Safety Data     | Material Security    | Material Safety     | Data               |
| 7 | The Acronym "MSDS" stands for                                | Sheet                | Data Sheet           | Data Sheet          | Sheet              |
| 8 |  | Transport            | Transport            | Transportation      | All of the         |
| 8 | TREM card signifies  | remediation card     | emergency card       | removal card        | above              |
| 8 | HAZCHEM code starting with letter 3 signifies which          |                      |                      |                     |                    |
| 9 | extinguishing media  | Water jet            | Fog                  | Foam                | Dry agent          |
| 9 |  | Environment          | Emergency            | Entire indian       | All of the         |
| 0 | EIP stands for   | impact protocol      | information panel    | platform            | above              |
| 9 |  |                      |                      |                     |                    |
| 1 | NFPA stands for National fire protection agency              | TRUE                 | FALSE                |                     |                    |
| 9 |  |                      |                      |                     | None of            |
| 2 | UN classification "2" stand for                              | Flammable solid      | Gases                | Explosive           | the above          |
| 9 |  |                      |                      |                     |                    |
| 3 | PEL is the shortform for permissible exposure limit          | TRUE                 | FALSE                |                     |                    |
|   | Lethal concentration 50 or LC50 is the amount of             |                      |                      |                     |                    |
| 9 | concentration when inhaled will kill 50% of the              | TDITE                | EALGE                |                     |                    |
| 4 | population   | TRUE                 | FALSE                |                     | -                  |
| 9 | TDEM card stands for Transport amarganay and                 | TDITE                | EVICE                |                     |                    |
| 5 | TREM card stands for Transport emergency card                | TRUE                 | FALSE                |                     | +                  |
| 6 | HAZCHEM code is hazardous chemistry code                     | TRUE                 | FALSE                |                     |                    |
| 9 | Acute effect is immediate affect towards the exposure        | INUE                 | TALSE                |                     | +                  |
| 7 | of certain hazardous chemicals                               | TRUE                 | FALSE                |                     |                    |
| 9 | of certain nazardous enemicals                               | INUE                 | TALSE                |                     | +                  |
| 8 | MSDS stands for Material safe data summary                   | TRUE                 | FALSE                |                     |                    |
| 9 | CAS number is the shortform for chemical abstract            | INOL                 | 171202               |                     | 1                  |
| 9 | service  | TRUE                 | FALSE                |                     |                    |
| 1 |  |                      |                      |                     |                    |
| 0 | Which OISD standrad tells about recommended                  |                      |                      |                     | OISD               |
| 0 | practice on Oil storage and Handling                         | OISD 105             | OISD 110             | OISD 108            | 110                |
|   | 1  |                      |                      |                     | 1 -                |