

Paper Type	: Whole Testpaper
Test Date	: 17 August 2008
Test Location	: MUMBAI

ONGC PLACEMENT PAPER

DATE: 17th August 2008

PLACE: Mumbai

BRANCH: Electronics

Duration: 3 hours

There are two sections: 1) General Awareness 2) Subject Specialization. The test is of objective type except for the descriptive one.

There are 50 qts in General Awareness section out of which 40 need to be attempted. Each qt carries 1 mark. 2 are of descriptive type. Each of 5 marks. So total comes to $(40 \times 1) + (5 \times 2) = 50$.

Same is the case with other section i.e. Subject Specialization. In this section there are 75 qts out of which only 60 need to be attempted. Each qt carries 1.5 mark. 2 again are of descriptive type. Each of 5 mark. So total comes to $(60 \times 1.5) + (5 \times 2) = 100$.

I am writing some of the qts I remember.

General Awareness section:

1. how many judges are there in judicial system?
2. in 1919, which movement took place ?
 - a. Dandi March
 - b. Chauri Chaura movement
 - c. Lathi charge
 - d. Partition of W. Bengal
3. Which two continents are mirror images of each other?
4. Which of the foll. continents are arranged in descending order of their areas?
5. If a country is 12 hours GMT ahead of the other, then it must be situated at?
6. If a circle is inscribed in an equilateral triangle of side $2\sqrt{3}$ units, then radius of the circle is?
7. There was a graph of area vs. Productivity & related to it was asked Production was high in 1979 & 1985 bcoz of?
8. India can increase production if?
9. The new compost in India is?
10. The non-conventional source of energy out of the foll. is?
11. Gupta empire declined bcoz?
12. If a judge has to resign, he should give his application to?
13. The judges are elected by the consent of President &?
14. The responsibility of elections is on?

Descriptive:

1. How should India conserve energy?
2. If you get selected in ONGC, what steps will you take to conserve energy?

Subjective type(Electronics):

1. Which of the foll instrument can be used for both ac & dc?
2. Which instrument is used to measure losses?
3. Sums on power gain
4. Sums on networks
5. If no. of turns of inductance doubles, then its value?
6. Sums on directivity
7. The distance between dipole & reflector is?
8. The basic parameters of transmission line are?
9. Sums on IF
10. How many lines are there in television?
11. Punch card has how many rows & columns?
12. In a transistor which region is heavily doped?
13. Sums on DD
14. In CRO, which button is used to lessen the magnitude of beam current?

Descriptive:

1. WLAN concept
2. CDMA concept

Paper Type	: Candidates Experiences
Test Date	: 17 June 2007
Test Location	: delhi

Hi

ONGC TEST : 17th june 2007 DELHI...

Branch: Instrumentation Engg.. time : 3 hrs...

One of the toughest paper of ONGC in indian history.

PAPER PATTERN : Objective type questions : 150 (75 Technical and 75 GK). marking in GK each ques is of 1 mark and in Technical each ques half mark.

Most of technical questions comes from NON-INSTRUMENTATION subjects like microprocessors,, microcontrollers, optical fiber , communication etc.

few ques i remember..

1. no of timers of 8051.

2. no. of interrupts of 8051 excluding reset.
3. Addressing mode of SHLD 2050H.
4. MN/MX pin - multiprocoessor mode.
5. why twisted pair of wires is used in instrumentation ?
6. clock frequency of 8051 microcontroller.
7. cheapest instru-- PMMC, EDM, rectifier, thermocouple.
8. numerical on resolution of ADC
9. numerical on total power transmission in AM
10. interrupt controller
11. dummy strain guage
12. numerical on PCM.
13. materials of core and cladding
14. optical fiber losses.
15. numerical aperture
16. no of comparators in flash converter.
17. potentiometer : it is null or deflecting instrument
18. difference between null and deflecting instrument.
19. is multiplexing used in 8085 or not ?
20. 3-4 questions on optical fiber : data based.
21. calibration of instruments.
22. capacitive transducer : dielectric type.
23. mod 6 counter : no. of FF used.
24. 3-4 ques of instrumentation : data based.

In GK they ask history, economics, current affairs, and ques related to famous personalities. few ques i remember.

full form of DRDO, NISSAT.

which letter in computer keyboard comes after Q ?

who starts golden quadrilateral project ?

which country never wins bookers prize ?

pulizter prize : related to which country ?

2-3 ques on GDP growth rate ?

what is present share of service industry in GDP ?

4-5 questions on simple reasoning.

which of the indian govt. bodies decides the electoral of parliament ?

No confidence motion is decided by ?

Powers of president , and chief justice of india

magasayay award: related to which country.

Alongwith these there are subjective questions...

GK : short note on RED CROSS and SAARC : both 5 marks each and u have to write about 100 words

Essay on RABINDRANATH TAGORE or BHARAT RATNA (7 marks)

Technical :

3 ques 5 marks each.

1. numerical on viscosity measurement

2. numerical on efficiency of Class B ampliifier

3. CE configuration with voltage divider bias is shown. No resistance values given.

Capacitors are connected in input and RE resistor. now u have to find out o/p voltage/

2 questions of 10 marks

1. problem of control system. calculation of rise time, peak time, overshoot. (calculator is not allowed in exam)
2. problem of convolution in DSP.

Next time when ONGC comes, prepare non instrumentation subjects like analog, digital, microprocessor and microcontrollers.

also prepare subjective questions from IES Electronics and Telecommunication Solved papers book.

Prepare GK from magazines like chronicle, CSR, Pratiyogita kiran and GK manual book.

All the best for INSTRUMENTATION ENGINEERS.....

Paper Type	: General - other
Test Date	: 9 August 2008
Test Location	: Hyderabad

ONGC PAPER ON 9TH AUGUST AT HYDERABAD

HI this is ramesh from visakhapatnam .I wrote ONGC GT-2008 exam on 9th of August 2008.

My education qualification is MSc(Phycis) Exam Centre is Sify Technologies, Hyderabad .

This is an ONLINE exam.

Exam Total marks :150 no negative marking.

In Exam there are two sections

1) General Awareness

2) Subjective test.

In First Paper there are 50 multiple choice questions. In out of 50 we have to attempt any 40 questions(40*1=40). And 2 descriptive question.(2*5=10)

Questions on longest, biggest, tallest like all facts.

Ex. In India which state have more population density.

2) Who started muslim league.

Descriptive question are

1)As an ONGC employe how do you conserve energy in plant.

2). How do you conserve energy in India .

In paper two there are 75 multi choice questions. Out of 75 we have to attempt 60 only] (60*1.5=90marks) And 2 descriptive question.(2*5=10).

In subject also they asked about basics only

Ex. 1) What is the first law of thermodynamics.

2). What is magnetic flux .

3) What is B-E constant.

Paper Type	: Candidate Experiences
Test Date	: 16 October 2008
Test Location	: Delhi

ONGC PAPER ON 16th OCTOBER AT DELHI

My written test in category of chemical engg. was on 10th August in Chandigarh. The papers consist of 60 technical and 50 GK questions. Out of 60 we have to do 50 and in the GK section we are required to do 40. The GK section was very easy, every one could tackle. Out of 50, I was knowing 37. The technical section was bit tough most of the questions were direct and with no numerical application. Almost 30 questions were from Chemical Technology.

After a month I got my result and I was declared shortlisted for the interview.

My interview was in Delhi. My reporting was on 9 am. First phase was the document verification and after that we were called for two interviews, one was for chemistry post and other one for production. My first interview was for chemistry. There were 5 members sitting in front of me. They literally explode the questions on me. They ask about laws of heat transfer with equations regarding final year project fission and fusion process with reactions with proper application further

some GK questions and then I was sent to other room for interview of production they ask ::

About me and my family background
about India's fact and figures
about some conversions like 1 inch = ?? cms
1 yard = ?? feet
about final year project (its very important)
my willingness where to join
my preferences in ONGC

One should please fully ensure in mind that specifically the chemistry and production are not different. Any thing could be asked. Be prepared for anything like GK like economy like future scenario of oil petroleum, oil fields, oil problems....