

ONGC Question Paper Pattern:

Objective type questions : 150 (75 Technical and 75 GK).

marking in GK each question is of 1 mark and in Technical each question is of half mark.

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

few questions for you.

1. no of timers of 8051.

2. no. of interrupts of 8051 excluding reset.

3. Addressing mode of SHLD 2050H.

4. MN/MX pin - multiprocessor mode.

5. why twisted pair of wires is used in instrumentation ?

6. clock frequency of 8051 micro-controller.

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.

full form of DRDO, NISSAT.

which letter in computer keyboard comes after Q ?

who starts golden quadrilateral project ?

which country never wins bookers prize ?

Pulitzer 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

Magsaysay award: related to which country.

Along with 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 amplifier
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.

ONGC Asst Technician Syllabus 2018 for General Awareness

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Science & Technology.

Culture.

India & its neighboring countries.

General Polity.

Economic Scene.

Sports.

History.

Current Events – National & International.

Geography.