

MMLU HP-Score:

Refer to the Dataset at : <https://huggingface.co/datasets/cais/mmlu>

Abstract Algebra:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	5	4	5	4.5
2	3	3	2	4	3
3	4	5	5	4	4.5
4	4	5	5	5	4.75
5	3	4	5	5	4.25
6	4	5	5	5	4.75
Final Scores	3.67	4.5	4.33	4.67	4.29

Anatomy:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	5	3	2	5	3.75
2	5	2	2	5	3.5
3	5	2	2	5	3.5
4	5	2	2	5	3.5
5	5	2	2	5	3.5
6	5	3	4	5	4.25
7	5	2	2	5	3.5
Final Scores	5	2.28	2.28	5	3.64

Astronomy:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning
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1	5	2	2
2	5	4	4
3	4	5	5
4	4	5	5
5	5	2	2
6	4	3	4
7	4	5	5
8	5	2	2
Final Scores	4.5	3.5	3.625

Business_ethics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	4	3	5	4
2	3	4	3	5	3.75
3	5	3	2	5	3.75
4	5	2	2	5	3.5
5	5	3	4	5	4.25
6	5	4	4	5	4.5
Final Scores	4.5	3.33	3	5	3.95

Clinical_knowledge:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	5	2	4	5	4
2	5	3	4	4	4
3	5	1	1	5	3
4	5	2	2	5	3.5
5	5	3	5	5	4.5
6	3	3	5	5	4
7	5	2	2	5	3.5
8	4	4	5	5	4.5

9	5	1	1	5	3
10	5	1	1	5	3
11	5	1	1	5	3
12	5	2	3	5	3.75
13	5	1	1	5	3
14	5	1	1	5	3
15	5	1	1	5	3
Final Scores	4.8	1.87	2.47	4.93	3.52

College_biology:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	4	5	5	4.5
2	4	3	2	5	3.5
3	4	2	2	5	3.25
4	5	1	2	4	3
5	4	2	2	4	3
6	4	2	1	5	3
7	4	2	1	4	2.75
Final Scores	4.13	2.29	2.14	4.57	3.29

College_chemistry:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	3	4	5	3.75
2	4	3	3	5	3.75
3	4	2	2	5	3.25
4	5	4	4	3	4
5	4	2	3	5	3.5
Final Scores	4	2.8	3.2	4.6	3.65

College_computer_science:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	2	5	5	3.5
2	2	2	4	3	2.75
3	5	3	3	5	4
4	4	5	5	3	4.25
5	3	5	5	3	4
6	5	4	5	4	4.5
Final Scores	3.5	3.5	4.5	3.83	3.83

College_mathematics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	4	5	5	4.5
2	5	5	5	5	5
3	5	4	5	5	4.75
4	3	4	4	5	4
5	3	4	5	4	4
6	4	5	5	5	4.75
Final Scores	4	4.33	4.83	4.83	4.5

College_medicine:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	3	5	4	4
2	5	1	1	5	3

3	4	3	3	4	3.5
4	4	2	2	4	3
5	5	3	3	4	3.75
6	4	1	1	4	2.5
7	5	4	3	5	4.25
8	4	3	3	4	3.5
9	3	2	2	5	3
10	4	1	1	5	2.75
Final Scores	4.2	2.3	2.4	4.4	3.33

College_physics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	3	4	5	4
2	3	3	3	5	3.5
3	3	4	5	4	4
4	4	2	3	4	3.25
5	5	3	3	5	4
6	3	2	4	4	3.25
Final Scores	3.67	2.83	3.67	4.5	3.67

Computer_security:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	3	2	5	3.5
2	4	2	4	5	3.75
3	3	4	3	5	3.75
4	3	2	3	2	2.5
5	4	1	1	4	2.5
6	4	3	4	5	4
Final	3.67	2.5	2.83	4.33	3.33

Scores					
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Conceptual_physics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	4	4	3	3.5
2	4	3	4	3	3.5
3	3	4	5	4	4
4	3	2	2	4	2.75
5	4	2	3	5	3.5
6	5	2	1	2	2.5
7	5	2	2	4	3.25
8	4	2	3	4	3.25
9	4	3	4	4	3.75
10	3	2	2	4	2.75
11	4	2	4	3	3.25
12	4	1	2	3	2.5
13	3	3	5	4	3.75
Final Scores	3.77	2.46	3.15	3.62	3.25

econometrics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	2	2	3	2.75
2	5	2	1	3	2.75
3	3	4	5	4	4
4	2	4	5	5	4
5	2	4	5	5	4
6	2	4	5	5	4
7	4	1	1	3	2.25
Final Scores	3.14	3	3.43	4	3.39

Electrical_engineering:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	2	3	3	3
2	3	3	5	3	3.5
3	5	2	4	4	3.75
4	3	4	4	5	4
5	4	1	1	3	2.25
6	3	3	5	4	3.75
7	4	2	3	3	3
8	5	2	2	4	3.25
Final Scores	3.88	2.34	3.38	3.63	3.31

Elementary_mathematics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	2	2	2	2
2	2	3	3	2	2.5
3	2	2	1	2	1.75
4	2	3	3	2	2.5
5	2	3	4	3	3
6	3	1	2	4	2.5
7	3	3	4	3	3.25
8	2	2	2	2	2
9	2	2	2	2	2
10	2	2	2	2	2
11	2	4	4	3	3.25
12	2	2	2	2	2
13	2	3	3	2	2.5
14	2	3	3	2	2.5
15	2	3	3	2	2.5
16	2	3	4	3	3

17	2	1	1	4	2
18	2	4	4	4	3.5
19	2	2	2	3	2.25
20	2	1	1	2	1.5
Final Scores	2.1	2.45	2.6	2.55	2.43

Formal_logic:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	5	5	2	3.75
2	2	4	5	2	3.25
3	2	4	4	2	3
4	4	4	5	4	4.25
5	2	4	4	2	3
6	2	4	4	2	3
7	4	4	5	4	4.25
Final Scores	2.71	4.14	4.57	2.57	3.5

Global_facts:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	5	3	2	2	3
2	5	3	2	4	3.5
3	5	1	1	2	2.25
4	5	1	1	2	2.25
5	5	2	2	3	3
6	5	1	1	2	2.25
Final Scores	5	1.83	1.5	2.5	2.71

High_school_biology:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	3	4	2	3
2	4	3	3	4	3.5
3	4	2	3	2	2.75
4	4	2	2	4	3
5	4	3	2	3	3
6	4	2	1	2	2.25
7	4	1	1	2	2
8	4	2	2	2	2.5
9	3	4	4	4	3.75
10	4	2	2	2	2.5
11	3	3	4	4	3.5
12	4	3	4	4	3.75
13	5	2	2	3	3
14	5	1	1	2	2.25
15	5	2	3	3	3.25
16	4	3	4	2	3.25
17	5	1	1	2	2.25
Final Scores	4.05	2.29	2.53	2.76	2.91

High_school_chemistry:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	5	2	3	3	3.25
2	3	3	3	4	3.25
3	4	3	4	3	3.5
4	4	2	3	3	3
5	5	1	1	1	2
6	4	4	4	4	4
7	4	2	3	2	2.75

8	5	1	1	1	2
9	3	3	3	2	2.75
10	4	3	5	4	4
11	3	3	3	3	3
12	5	1	1	2	2.25
Final Scores	4.08	2.33	2.83	2.67	2.98

High_school_computer_science:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	3	3	2	3
2	4	2	2	3	2.75
3	4	4	4	4	4
4	5	3	2	4	3.5
5	2	4	5	3	3.5
6	3	4	4	3	3.5
Final Scores	3.67	3.33	3.33	3.16	3.38

High_school_european_history:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	5	3	3	3.5
2	3	5	3	3	3.5
3	3	5	3	3	3.5
4	3	5	3	3	3.5
5	3	5	3	3	3.5
6	3	5	3	3	3.5
7	3	5	3	3	3.5
8	3	5	3	3	3.5
9	3	5	3	3	3.5
Final	3	5	5	5	3.5

Scores					
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High_school_geography:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	1	1	1	5	2
2	1	1	1	5	2
3	1	1	1	5	2
4	1	1	1	5	2
5	1	1	1	5	2
6	1	2	1	5	2.25
7	1	2	1	5	2.25
8	1	2	2	5	2.5
Final Scores	1	1.38	1.13	5	2.13

high_school_government_and_politics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	5	5	3	4
2	3	5	5	2	3.75
3	3	3	5	2	3.25
4	4	2	3	3	3
5	4	2	2	2	2.5
6	4	3	3	3	3.25
7	4	2	2	3	2.75
8	3	4	4	2	3.25
9	2	4	4	2	3
10	4	1	1	2	2
11	3	4	4	2	3.25
Final Scores	3.36	3.18	3.45	2.36	3.09

High_school_macroconomics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	5	5	4	4.25
2	5	2	1	2	2.5
3	3	4	4	4	3.75
4	3	4	4	5	4
5	3	5	5	4	4.25
6	3	3	5	4	3.75
7	4	3	3	4	3.5
8	4	2	2	3	2.75
9	4	3	4	4	3.75
10	3	4	5	3	3.75
11	3	4	4	4	3.75
12	4	3	3	4	3.5
13	2	4	5	4	3.75
14	3	4	5	4	4
15	3	5	5	5	4.5
16	3	4	4	3	3.5
17	4	3	4	3	3.5
18	3	5	5	4	4.25
19	3	4	5	3	3.75
20	4	4	5	3	4
21	5	3	4	4	4
22	3	4	5	3	3.75
Final Scores	3.4	3.73	4.18	3.68	3.75

High_school_mathematics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	2	4	4	3
2	2	2	3	3	2.5

3	1	2	3	3	2.25
4	2	2	4	5	3.5
5	1	1	4	4	2.5
6	1	1	4	5	2.75
7	1	2	5	5	3.25
8	3	4	4	4	3.75
9	4	4	4	4	4
10	2	3	5	5	3.75
11	1	2	4	5	3
12	1	2	3	3	2.25
13	1	1	1	1	1
14	1	4	5	5	3.75
Final Scores	1.64	2.29	3.79	4	2.95

High_school_microeconomics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	1	3	2	4	2.5
2	1	3	3	4	2.75
3	3	3	4	3	3.25
4	1	2	2	5	2.5
5	2	2	4	4	3
6	1	4	4	4	3.25
7	2	2	4	2	2.5
8	1	3	4	2	2.5
9	1	2	4	2	2.25
10	3	3	4	3	3.25
11	2	3	3	3	2.75
12	2	3	3	5	3.25
Final Scores	1.67	2.75	3.42	3.42	2.81

High_school_physics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	1	2	1	3	1.75
2	1	5	4	5	3.75
3	3	4	4	4	3.75
4	2	2	2	5	2.75
5	2	5	5	5	4.25
6	3	3	4	4	3.5
7	3	3	5	5	4
Final Scores	2.14	3.43	3.57	4.43	3.93

High_school_psychology:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	4	4	3	3.5
2	4	2	3	3	3
3	4	3	2	3	3
4	3	4	3	3	3.25
5	5	2	1	2	2.5
6	5	2	1	2	2.5
7	4	2	3	3	3
8	4	2	3	2	2.75
9	3	3	4	2	3
10	5	2	1	2	2.5
11	5	1	1	2	2.25
12	3	3	4	4	3.5
13	4	3	3	3	3.25
14	3	3	3	4	3.25
15	4	2	2	3	2.75
16	4	5	4	4	4.25
17	3	5	4	3	3.75
18	2	5	5	4	4
19	3	3	3	3	3
20	3	4	4	3	3.5

21	4	2	3	3	3
22	4	2	3	4	3.25
23	3	5	5	4	4.25
24	3	3	4	3	3.25
25	4	2	3	4	3.25
26	4	2	4	4	3.5
27	4	1	1	4	2.5
Final Scores	3.7	2.85	3	3.11	3.17

High_school_statistics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	4	4	5	4.25
2	2	4	4	4	3.5
3	5	4	4	4	4.25
4	4	4	5	4	4.25
5	3	2	3	3	2.75
6	3	5	5	4	4.25
7	4	4	4	4	4
8	3	4	4	3	3.5
9	4	3	2	2	2.75
10	2	4	4	2	3
11	4	2	3	3	3
Final Scores	3.45	3.63	3.82	3.45	3.59

High_school_us_history:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	3	4	1	2.5
2	2	3	4	1	2.5
3	2	3	4	1	2.5
4	2	3	4	1	2.5

5	2	3	4	1	2.5
6	2	3	4	1	2.5
7	2	3	4	1	2.5
8	2	3	4	1	2.5
9	2	3	4	1	2.5
10	2	3	4	1	2.5
Final Scores	2	3	4	1	2.5

High_school_world_history:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	3	4	1	2.5
2	2	3	4	1	2.5
3	2	3	4	1	2.5
4	2	3	4	1	2.5
5	2	3	4	1	2.5
6	2	3	4	1	2.5
7	2	3	4	1	2.5
8	2	3	4	1	2.5
9	2	3	4	1	2.5
10	2	3	4	1	2.5
11	2	3	4	1	2.5
12	2	3	4	1	2.5
Final Scores	2	3	4	1	2.5

Human_aging:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	1	1	3	2.25
2	4	2	2	3	2.75
3	3	4	4	4	3.75
4	3	1	2	3	2.25

5	3	3	4	3	3.25
6	3	4	4	3	3.5
7	4	2	2	3	2.75
8	4	3	2	4	3.25
9	3	2	3	3	2.75
10	3	3	3	3	3
11	2	4	3	2	2.75
Final Scores	3.27	2.63	2.72	3.09	2.93

Human_sexuality:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	4	3	3	3.25
2	3	3	4	3	3.25
3	4	2	2	4	3
4	4	4	5	4	4.25
5	4	4	4	4	4
6	1	2	2	4	2.25
Final Scores	3.17	3.17	3.33	3.67	3.33

International_law:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	5	1	1	2	2.25
2	4	2	2	4	3
3	4	2	1	3	2.5
4	5	1	1	2	2.25
5	4	1	1	4	2.5
6	3	3	3	4	3.25
Final Scores	4.17	1.67	1.5	3.17	2.63

Jurisprudence:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	5	4	3	4
2	4	3	3	3	3.25
3	5	1	1	3	2.5
4	4	1	1	3	2.25
5	5	1	1	3	2.5
Final Scores	4.4	2.2	2	3	2.9

Logical_fallacies:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	3	3	3	3.25
2	3	5	5	4	4.25
3	3	4	4	2	3.25
4	3	5	5	3	4
5	3	5	5	3	4
6	2	4	4	4	3.5
7	4	4	4	3	3.75
8	3	4	4	3	3.5
Final Scores	3.13	4.23	4.23	3.13	3.69

Machine_learning:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	4	5	3	4
2	4	3	4	5	4
3	4	5	5	4	4.5
4	2	4	5	3	3.5

5	4	1	1	4	2.5
Final Scores	3.6	3.4	4	3.8	3.7

Management:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	3	3	3	3
2	4	2	2	4	3
3	4	2	3	4	3.25
4	5	2	3	4	3.5
5	5	1	3	5	3.5
Final Scores	4.2	2	2.8	4	3.25

Medical_genetics:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	1	1	1	5	2
2	1	1	1	5	2
3	1	1	1	5	2
4	1	1	1	5	2
5	1	1	1	5	2
Final Scores	1	1	1	5	2

Marketing:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	5	2	3	5	3.75
2	3	4	4	3	3.5
3	5	1	1	5	3

4	3	4	4	5	4
5	4	2	2	4	3
6	3	3	3	4	3.25
7	4	2	2	4	3
8	4	3	4	3	3.5
9	4	2	1	3	2.5
10	4	3	2	4	3.25
11	3	3	4	3	3.25
12	4	1	1	4	2.5
Final Scores	3.83	2.5	2.58	3.92	3.21

Miscellaneous:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	1	1	1	4	1.75
2	1	1	1	5	2
3	1	1	1	5	2
4	1	1	1	5	2
5	1	1	1	5	2
6	1	1	1	5	2
7	1	1	1	5	2
8	1	1	1	5	2
9	1	1	1	4	1.75
10	1	1	1	4	2
11	1	1	1	5	2
12	1	1	1	5	2
13	1	1	1	5	2
14	1	1	1	4	1.75
15	1	1	1	4	1.75
16	1	1	1	4	1.75
17	1	1	1	4	1.75
18	1	1	1	4	1.75
19	1	1	1	4	1.75
20	1	1	1	4	1.75
21	1	1	1	4	1.75

22	1	1	1	4	1.75
23	1	1	1	4	1.75
24	1	1	1	5	2
25	1	1	1	4	1.75
26	1	1	1	5	2
27	1	1	1	4	1.75
28	1	1	1	5	2
29	1	1	1	5	2
30	1	1	1	5	2
31	1	1	1	4	1.75
32	1	1	1	5	2
33	1	1	1	5	2
34	1	1	1	5	2
35	1	1	1	4	1.75
36	1	1	1	4	1.75
37	1	1	1	4	1.75
38	1	1	1	4	1.75
39	1	1	1	4	1.75
Final Scores	1	1	1	4.46	1.87

Moral_disputes:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	1	1	1	4	1.75
2	1	1	3	3	2
3	1	1	3	4	2.25
4	2	1	3	3	2.25
5	1	1	3	4	2.25
6	2	2	4	4	3
7	1	2	4	4	2.75
8	1	1	4	5	2.75
9	1	3	3	3	2.5
10	1	1	3	5	2.5
11	1	1	1	5	2
12	1	1	4	4	2.5

13	1	1	4	5	2.75
14	1	3	2	3	2.25
15	1	1	1	5	2
16	1	1	5	3	2.5
17	1	1	5	3	2.5
Final Scores	1.11	1.35	3.11	3.94	2.38

Moral_scenarios:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	3	3	3	2.75
2	2	3	3	5	3.25
3	2	3	3	3	2.75
4	2	3	3	3	2.75
5	2	3	2	2	2.25
6	2	3	2	1	2
7	2	4	3	1	2.5
8	2	3	3	3	2.75
9	2	2	3	3	2.5
10	2	4	2	2	2.5
11	2	3	3	1	2.25
12	1	3	2	2	2
13	2	2	3	2	2.25
14	4	3	4	3	3.25
15	2	2	4	3	2.75
16	3	3	2	2	2.5
17	2	2	2	2	2
18	2	3	2	1	2
19	2	2	3	1	2
20	3	3	3	2	2.75
21	2	3	3	3	2.75
22	2	2	2	2	2
23	2	1	2	1	1.5
24	1	3	2	3	2.25

25	2	3	2	3	2.5
26	2	2	3	2	2.25
27	2	3	2	1	2
28	2	3	1	1	1.75
29	2	3	2	1	2
30	2	2	2	1	1.75
31	2	3	2	1	2
32	1	2	1	1	1.25
33	1	2	3	2	2
34	1	2	2	1	1.25
35	1	3	2	2	2
36	1	2	3	2	2
37	1	1	2	1	1.75
38	2	3	2	1	2
39	1	2	2	2	1.75
40	2	1	2	1	1.5
41	1	3	3	2	2.25
42	1	4	3	2	2.5
43	1	3	3	3	2.5
44	1	3	3	2	2.25
45	1	2	2	2	1.75
Final Scores	1.77	2.62	2.46	1.95	2.2

Nutrition:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	1	1	1	1.75
2	2	3	4	3	3
3	4	2	1	4	2.75
4	2	3	4	3	3
5	4	1	1	2	2
6	4	1	2	3	2.5
7	4	1	1	3	2.25
8	4	1	1	2	2
9	3	2	2	4	2.75

10	3	2	2	4	2.75
11	3	3	3	3	3
12	3	2	3	3	2.75
13	2	2	4	2	2.5
14	4	1	1	2	2
15	4	1	1	3	2.25
Final Scores	3.33	1.73	2.06	2.8	2.48

Philosophy:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	3	1	1	1.75
2	4	2	2	1	2.25
3	4	2	2	1	2.25
4	4	2	1	1	2
5	4	2	2	1	2.25
6	4	2	1	1	2
7	4	1	1	1	1.75
8	4	1	1	1	1.75
9	4	1	1	1	1.75
10	4	1	1	1	1.75
11	4	1	1	1	1.75
12	4	1	1	1	1.75
13	4	1	1	1	1.75
14	4	1	1	1	1.75
15	4	1	1	1	1.75
16	4	1	1	1	1.75
Final Scores	3.88	1.44	1.19	1	1.88

Prehistory:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
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1	4	2	1	1	2
2	4	2	1	1	2
3	4	2	1	1	2
4	4	2	1	1	2
5	4	2	1	1	2
6	4	2	1	1	2
7	4	2	1	1	2
8	4	2	1	1	2
9	4	2	1	1	2
10	4	2	1	1	2
11	4	2	1	1	2
12	4	2	1	1	2
13	4	2	1	1	2
14	4	2	1	1	2
15	4	2	1	1	2
16	4	2	1	1	2
Final Scores	4	2	1	1	2

Professional_accounting:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	4	4	3	3.25
2	4	4	2	4	3.5
3	4	2	2	2	2.5
4	4	2	2	2	2.5
5	4	1	1	1	1.75
6	2	4	4	3	3.25
7	5	2	2	2	2.75
8	2	2	4	2	2.5
9	4	3	2	3	3
10	2	5	5	3	3.75
11	3	4	4	2	3.25
12	2	4	4	2	3
13	4	1	1	1	1.75

14	2	5	5	3	3.75
Final Scores	3.14	3.07	3	2.36	2.89

Professional_law:

Sample ID	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	5	5	4	4.25
2	3	5	5	4	4.25
3	3	5	5	4	4.25
4	3	5	5	4	4.25
5	3	5	5	4	4.25
6	3	5	5	4	4.25
7	3	5	5	4	4.25
8	3	5	5	4	4.25
9	3	5	5	4	4.25
10	3	5	5	4	4.25
11	3	5	5	4	4.25
12	3	5	5	4	4.25
13	3	5	5	4	4.25
14	3	5	5	4	4.25
15	3	5	5	4	4.25
16	3	5	5	4	4.25
17	3	5	5	4	4.25
18	3	5	5	4	4.25
19	3	5	5	4	4.25
20	3	5	5	4	4.25
21	3	5	5	4	4.25
22	3	5	5	4	4.25
23	3	5	5	4	4.25
24	3	5	5	4	4.25
25	3	5	5	4	4.25
26	3	5	5	4	4.25
27	3	5	5	4	4.25
28	3	5	5	4	4.25
29	3	5	5	4	4.25

30	3	5	5	4	4.25
31	3	5	5	4	4.25
32	3	5	5	4	4.25
33	3	5	5	4	4.25
34	3	5	5	4	4.25
35	3	5	5	4	4.25
36	3	5	5	4	4.25
37	3	5	5	4	4.25
38	3	5	5	4	4.25
39	3	5	5	4	4.25
40	3	5	5	4	4.25
41	3	5	5	4	4.25
42	3	5	5	4	4.25
43	3	5	5	4	4.25
44	3	5	5	4	4.25
45	3	5	5	4	4.25
46	3	5	5	4	4.25
47	3	5	5	4	4.25
48	3	5	5	4	4.25
49	3	5	5	4	4.25
50	3	5	5	4	4.25
51	3	5	5	4	4.25
52	3	5	5	4	4.25
53	3	5	5	4	4.25
54	3	5	5	4	4.25
55	3	5	5	4	4.25
56	3	5	5	4	4.25
57	3	5	5	4	4.25
58	3	5	5	4	4.25
59	3	5	5	4	4.25
60	3	5	5	4	4.25
61	3	5	5	4	4.25
62	3	5	5	4	4.25
63	3	5	5	4	4.25
64	3	5	5	4	4.25
65	3	5	5	4	4.25
66	3	5	5	4	4.25

67	3	5	5	4	4.25
68	3	5	5	4	4.25
69	3	5	5	4	4.25
70	3	5	5	4	4.25
71	3	5	5	4	4.25
72	3	5	5	4	4.25
73	3	5	5	4	4.25
74	3	5	5	4	4.25
75	3	5	5	4	4.25
76	3	5	5	4	4.25
Final Scores	3	5	5	4	4.25

Professional_medicine:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	4	5	5	4	4.5
2	4	5	5	4	4.5
3	4	5	5	4	4.5
4	4	5	5	4	4.5
5	4	5	5	4	4.5
6	4	5	5	4	4.5
7	4	5	5	4	4.5
8	4	5	5	4	4.5
9	4	5	5	4	4.5
10	4	5	5	4	4.5
11	4	5	5	4	4.5
12	4	5	5	4	4.5
13	4	5	5	4	4.5
14	4	5	5	4	4.5
Final Scores	4	5	5	4	4.5

Professional_psychology:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	3	4	2	2.75
2	4	1	1	1	1.75
3	2	4	5	4	3.75
4	4	2	2	4	3
5	3	3	3	2	2.75
6	4	2	3	2	2.75
7	2	2	4	2	2.5
8	3	3	3	3	3
9	3	3	3	2	2.75
10	4	3	2	2	2.75
11	2	4	3	2	2.75
12	4	1	1	3	2.25
13	4	1	1	1	1.75
14	4	1	1	1	1.75
15	2	3	3	3	2.75
16	4	3	2	3	3
17	4	2	1	2	2.25
18	2	4	3	2	2.75
19	2	4	5	1	3
20	4	1	1	2	2
21	1	3	3	1	2
22	1	2	4	1	2
23	1	3	5	2	2.75
24	3	2	2	3	2.5
25	4	4	4	4	4
26	4	1	1	3	2.25
27	4	1	1	2	2
28	4	2	1	2	2.25
29	3	3	2	3	2.75
30	3	4	2	2	2.75
31	4	1	1	3	2.25
Final Scores	3.06	2.45	2.48	2.26	2.56

Public_relations:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	1	1	2	1.75
2	2	4	5	4	3.75
3	4	2	1	2	2.25
4	3	1	1	1	1.5
5	3	2	2	3	2.5
6	3	2	2	3	2.5
Final Scores	3	2	2	2.5	2.38

Security_studies:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	2	2	3	1	2
2	2	4	4	3	3.25
3	3	4	5	3	3.75
4	4	2	2	3	2.75
5	4	3	2	2	2.75
6	4	2	1	1	2
7	4	2	1	1	2
8	4	2	2	1	2.25
9	4	2	2	1	2.25
10	3	4	4	3	3.5
11	3	4	4	3	3.5
12	3	3	2	2	2.5
Final Scores	3.33	2.83	2.67	2	2.7

Sociology:

Sample	Basic Recall and	Understanding	Analysis and	Application of	HP-score
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Id	Reproduction	and Interpretation	Reasoning	knowledge and execution	e
1	4	2	1	2	2.25
2	4	2	1	2	2.25
3	4	2	1	2	2.25
4	4	2	1	2	2.25
5	2	3	3	3	2.75
6	4	2	1	1	2
7	4	2	3	2	2.75
8	1	4	3	2	2.5
9	3	2	1	1	1.75
10	3	2	1	1	1.75
Final Scores	3.3	2.3	1.6	1.8	2.25

Us_foreign_policy:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	3	1	1	2	1.75
2	4	1	1	1	1.75
3	2	2	1	3	2
4	3	1	1	1	1.5
5	3	1	1	2	1.75
Final Scores	3	1.2	1	1.8	1.75

Virology:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	1	1	1	5	2
2	1	1	1	5	2
3	1	1	1	5	2
4	1	1	2	5	2.25
5	1	1	4	4	2.5

6	1	1	4	1	1.75
7	1	1	1	5	2
8	1	1	3	5	2.5
Final Scores	1	1	2.13	4.38	2.13

World_religions:

Sample Id	Basic Recall and Reproduction	Understanding and Interpretation	Analysis and Reasoning	Application of knowledge and execution	HP-score
1	1	1	1	5	2
2	1	1	1	5	2
3	1	1	1	5	2
4	1	1	1	5	2
5	1	1	1	5	2
6	1	2	1	5	2.25
7	1	2	1	5	2.25
8	1	2	2	5	2.5
Final Scores	1	1.38	1.13	5	2.13
Total Scores	3.04	2.82	3	3.26	3.03